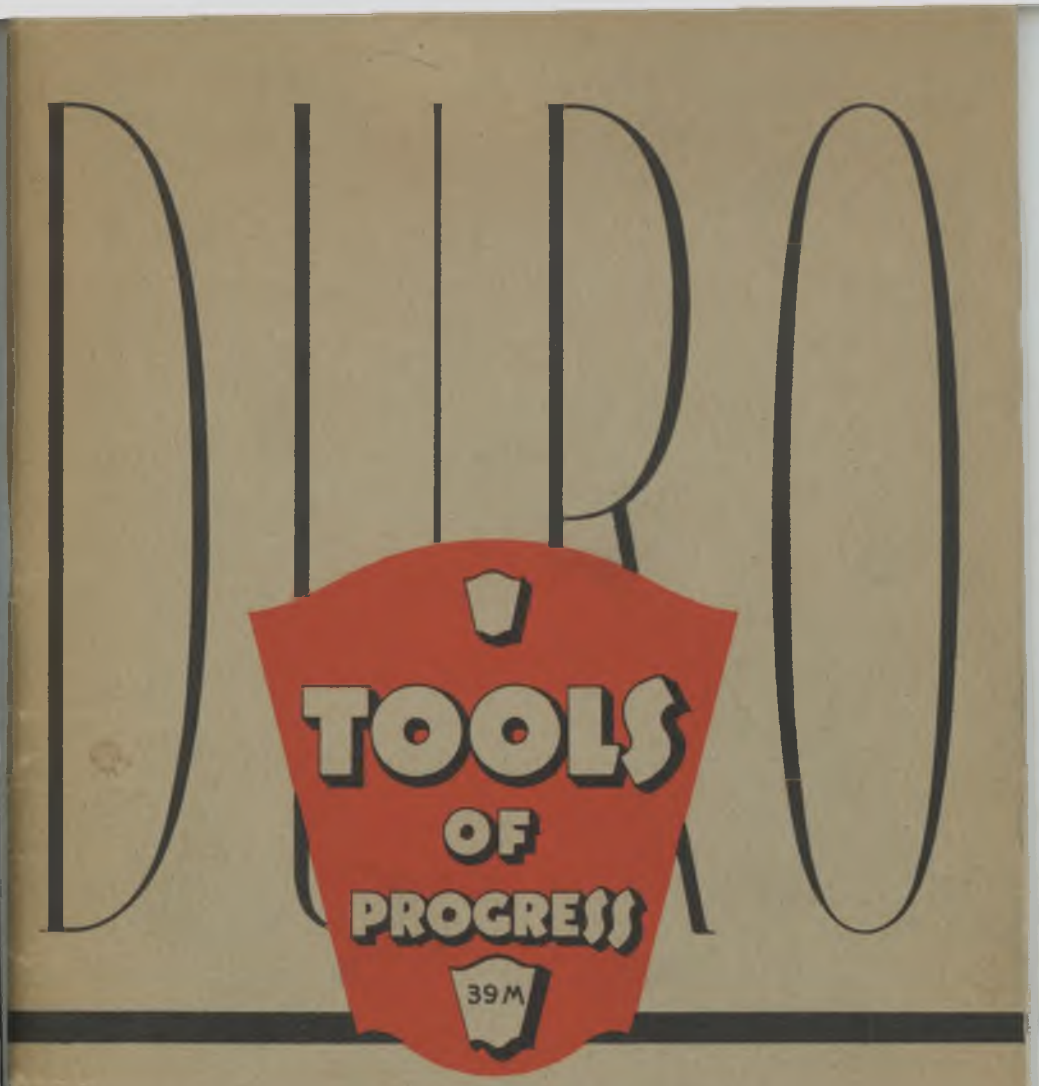


Distributed by

Black Bros. Motor Products
LIMITED

Wholesale

JOBBERS AND DISTRIBUTORS OF DEPENDABLE
EQUIPMENT, SUPPLIES, GLASS AND RADIO

. . . WHERE IT PAYS TO BUY . . .

1369 Granville St. **Vancouver, B. C.**

DURO METAL PRODUCTS CO. CHICAGO, U.S.A.



GUARANTEE

All Duro tools are fully guaranteed against defects in either materials or workmanship. Free replacement will be made of any defective tool upon its return to our factory.

The guarantee does not apply if inspection shows that the tool has been worn out from use, or has been abused by hammering, or used on over or undersized nuts, or ground or design changed, or used for purposes other than for which it was designed.

DURO-CHROME

DURO-CHROME has been adopted by us as a trade name under which we manufacture and distribute high quality tools. This trade-mark on a tool denotes that the best alloy steels have been selected for the particular work for which it has been designed.

The ability of Duro tools to stand up through a long life when subject to actual service use is assured by reason that every phase of their manufacture is carefully planned and supervised by laboratory and technical control.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

Organization and Production Power Back of Duro Tools



FACTORY No. 1 AND OFFICES

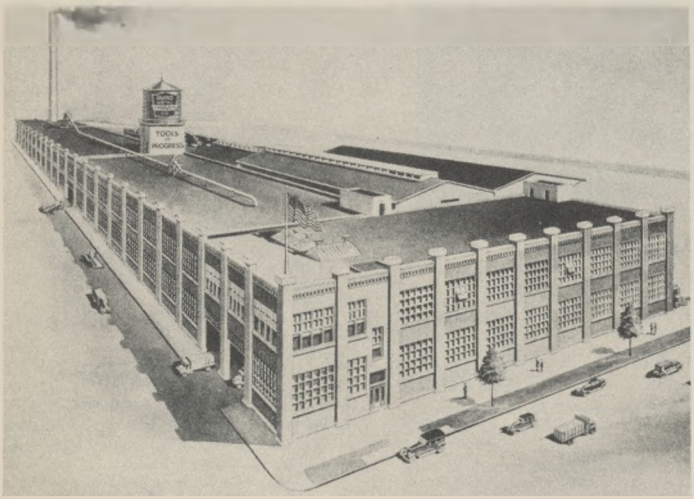
Duro Metal Products Co. was organized over twenty-three years ago and the organizers are still in active control of the Company.

These men are mechanics and engineers, fully experienced in both design and methods of fabricating metals. In the organization are many men who have been with them for over twenty years and a very substantial proportion of the organization have been working with them over ten years.

During the life of Duro Metal Products Co., they have grown from a very small unit employing only about one half dozen men to a Nationally as well as Internationally known organization which has become famous for its Tool Products.

Shown on this page are illustrations of Factories Nos. 1 and 3 which will convey to you the substantial factories that are back of all Duro Products and you can be assured that you will be welcomed at the Duro Plant any time you are in Chicago.

FACTORY No. 3 FINISHING AND SHIPPING

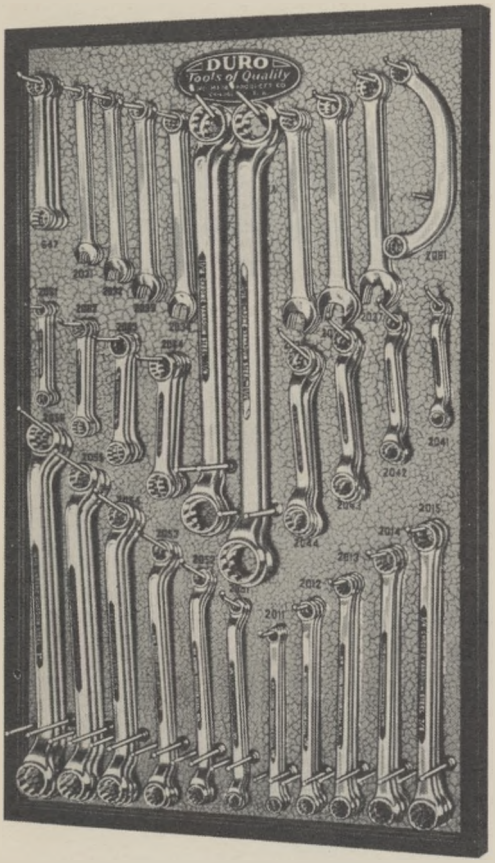


YOU ARE CORDIALLY INVITED TO VISIT US ANY TIME THAT YOU ARE IN CHICAGO

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME

"Handy-Twin-Hex" Display Board



LONG 10° BOX WRENCHES

Quantity	Stock No.	Description
3	2011	5/8" x 7/16"
3	2012	1/2" x 9/16"
3	2013	5/8" x 11/16"
3	2014	3/4" x 13/16"
3	2015	3/4" x 7/8"

No. 1931-88BW — Box Wrench Display and 88 Wrenches listed above ..... **Price $105.86**
Weight 53 lbs.

NOTE: Net price on Display Boards without any tools is $4.50. The Board is furnished free only with complete assortment as shown.

30 Popular Fast Moving Wrenches Well Displayed and Easily Sold

Quantity	Stock No.	Description
3	647	Battery Wrench
3	2081	Starter & Man. Wrench
		BOX OPEN END WRENCHES
3	2031	5/8"
3	2032	7/16"
3	2033	1/2"
3	2034	9/16"
3	2035	5/8"
3	2036	11/16"
3	2037	3/4"
		SHORT 15° BOX WRENCHES
3	2061	5/8" x 7/16"
3	2062	1/2" x 9/16"
3	2063	5/8" x 11/16"
3	2064	3/4" x 13/16"
		SHORT 45° BOX WRENCHES
3	2041	5/8" x 7/16"
3	2042	1/2" x 9/16"
3	2043	5/8" x 11/16"
3	2044	3/4" x 13/16"
		LONG 45° BOX WRENCHES
3	2051	5/8" x 7/16"
3	2052	1/2" x 9/16"
3	2053	5/8" x 11/16"
3	2054	3/4" x 13/16"
3	2055	9/16" x 7/8"
3	2056	3/4" x 1"
2	2057	1 1/4" x 1 1/2"
2	2058A	1 3/16" x 1 1/4"

Your Silent Salesman

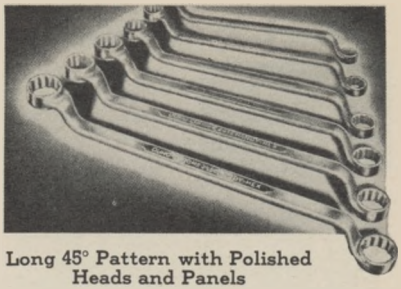
Attractive and attention demanding Display Board with readily salable sizes and quantities of Duro-Chrome Box Wrenches. There is no charge for this Display Board if ordered with assortment of Wrenches as listed on this page.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

DURO-CHROME
"Handy-Twin-Hex" Box Wrenches

Forged from Chrome Vanadium Steel

This type Wrench is used by every mechanic. "Handy-Twin-Hex" 12-Point Box Wrenches are mechanically right, have the reserve strength, comfortable handles, handsome finish, polished heads and panels, clean, sharp broaching, and that feel of a quality tool so much appreciated by the mechanic.



Long 45° Pattern with Polished Heads and Panels

Wrench No.	Size	Price	U. S. Std. Bolt Size	Hex. Cap Screws	S.A.E. Std. Screw & Nut	Length
2051	3/8" x 7/16"	$0.90	3/8"	3/8" - 7/16"	1/4"	7 5/8"
2052	1/2" x 9/16"	1.00	1/4"	5/16" - 3/8"	5/16" - 3/8"	8 5/8"
2052A	9/16" x 5/8"	1.05		3/8" - 7/16"	3/8" - 7/16"	8 5/8"
2053	5/8" x 3/4"	1.15	5/16"	7/16"	7/16"	9 1/4"
2054	3/4" x 13/16"	1.30	1/2"	1/2"	1/2"	11 1/8"
2054A	3/4" x 7/8"	1.35	5/16"	1/2" - 5/8"	1/2" - 9/16"	11 1/8"
2055	13/16" x 7/8"	1.60	5/8"	9/16" - 5/8"	9/16"	12 1/2"
2056	15/16" x 1"	1.90		3/4"	5/8" - 11/16"	14 1/4"
Extra Long Pattern						
2057	1 1/16" x 1 1/16"	$3.00	3/4"	7/8"	3/4"	16"
2058A	1 3/16" x 1 1/4"	3.73	3/4"	1"	7/8"	18"
2058B	1 1/16" x 1 1/4"	3.73	3/4"	1"	7/8"	18"
2058C	1 1/16" x 1 1/4"	3.90	5/8" - 3/4"	1"	3/4" - 7/8"	18"
2059A	1 5/16" x 1 3/8"	4.00		1 1/16"		20 1/2"
2059B	1 7/16" x 1 1/2"	4.63	7/8"	1 1/4"	1"	22 1/2"

6 Wrenches Packed to a Carton

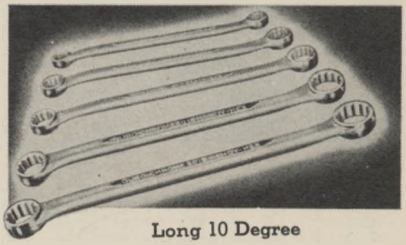
No. 2006F — Set of Six "Handy-Twin-Hex" Box Wrenches, openings 3/8" to 1" inclusive, Nos. 2051, 2052, 2053, 2054, 2055 and 2056, in a substantial carton..... Price $7.85
Weight 3 1/2 lbs.

No. 2005F — Set of Five "Handy-Twin-Hex" Box Wrenches, openings 3/8" to 7/8" inclusive, Nos. 2051, 2052, 2053, 2054 and 2055, in a substantial carton..... Price $5.95
Weight 3 lbs.

10° Angle Long Type Box Wrenches

The 10° angle Box Wrenches are very much in demand by mechanics inasmuch as they permit the use where space is restricted. In the full range of sizes listed below will be found combinations for every need. Chrome Vanadium Steel, expertly heat treated and tempered, triple plated with polished heads and panels.

No. 2010-5F — Set of Five Long 10° Box Wrenches, Nos. 2011, 2012, 2013, 2014 and 2015 in Carton... Price $5.40
Weight 2 lbs.



Long 10 Degree

Wrench No.	Size	Price	U. S. Std. Bolt Size	Hex. Cap Screws	S.A.E. Std. Screw & Nut	Length
2011	3/8" x 7/16"	$0.85	3/8"	3/8" - 7/16"	1/4"	6 3/4"
2012	1/2" x 9/16"	0.95	1/4"	5/16" - 3/8"	5/16" - 3/8"	7 3/8"
2013	9/16" x 5/8"	1.05		3/8" - 7/16"	3/8" - 7/16"	9"
2014	11/16" x 3/4"	1.20	3/8" - 7/16"			10"
2015	3/4" x 7/8"	1.35	1/2"	1/2" - 5/8"	1/2" - 9/16"	11"
2016	15/16" x 1"	2.30		3/4"	5/8" - 3/4"	15 3/4"
Extra Long Pattern						
2017	1 1/16" x 1 1/16"	$4.00	5/8"	7/8"	3/4"	17 1/2"
2018A	1 3/16" x 1 1/4"	4.80	3/4"	1"	7/8"	20"
2018B	1 1/16" x 1 1/4"	4.80	3/4"	1"	7/8"	20"
2018C	1 1/16" x 1 1/4"	4.80	5/8" - 3/4"	1"	3/4" - 7/8"	20"
2019A	1 5/16" x 1 3/8"	5.00		1 1/16"		22"
2019B	1 7/16" x 1 1/2"	5.30	7/8"	1 1/4"	1"	24"

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Short Type "Handy-Twin-Hex" Box Wrenches



45 Degree

Of the same quality, strength and finish as our full length Box Wrenches. Twelve Point openings. Drop forged from selected Chrome Vanadium Steel, heat treated and tempered. Designed for the mechanic, by mechanics, for tight places where the full length Wrench is too long. 6 Wrenches Packed to a carton.



15 Degree

Wrench No.	Size	Length	Price	U. S. Std. Bolt Size	Hex. Cap Screw	S.A.E. Std. Screw & Nut	Wrench No.	Size	Length	Price
2041	1/4" x 5/16"	4 1/2"	$0.85	1/4"	5/16" x 1/2"	1/4"	2061	1/4" x 5/16"	4"	$0.85
2042	1/2" x 9/16"	5 1/2"	0.95	5/16"	1/4" x 1/2"	5/16"	2062	1/2" x 9/16"	4 1/2"	.90
2042A	9/16" x 5/8"	5 3/4"	0.95	3/8"	5/16" x 1/2"	3/8"	2062A	9/16" x 5/8"	4 1/2"	.90
2043	5/8" x 3/4"	6"	1.05	7/16"	3/8"	7/16"	2063	5/8" x 3/4"	5"	.95
2044	3/4" x 31/32"	6 3/4"	1.20	1/2"	7/16"	1/2"	2064	3/4" x 31/32"	5 1/2"	1.05

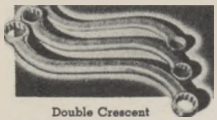
No. 2040-3F — Set of three short 45° Box Wrenches in carton, Nos. 2041-2-3. Weight 1/2 lb.....Price $2.85

No. 2040-4F — Set of four short 45° Box Wrenches in carton. Nos. 2041-2-3-4. Weight 1 lb....Price $4.05

No. 2060-3F — Set of three short 15° Box Wrenches in carton. Nos. 2061-2-3. Weight 1/2 lb.....Price $2.70

No. 2060-4F — Set of four short 15° Box Wrenches in carton, Nos. 2061-2-3-4. Weight 1 lb.....Price $3.75

Double Crescent and Elbow Box Wrenches

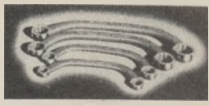


Double Crescent

This series of Wrenches is designed to reach those difficult positions nearly impossible to handle with the conventional type. No. 2081 is especially popular for manifolds, starters, etc.

No. 2075-5F — Set of Five Double Crescent Wrenches in Fibre Carton. Weight 2 lbs.....Price $6.70

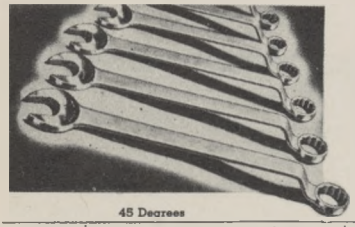
No. 2078-5F — Set of Five Elbow Wrenches listed below in carton. Weight 2 lbs.....Price $6.80



Elbow

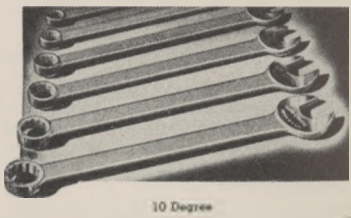
Wrench No.	Size	Price	U.S. Std. Bolt Size	Hex. Cap Screws	S.A.E. Std. Screws & Nut	Length	Wrench No.	Size	Price
2068	1/4" x 5/16"	$1.10	1/4"	5/16" x 1/2"	5/16"	5 1/4"	2079	1/4" x 5/16"	$1.15
2069	5/16" x 3/8"	1.20	5/16"	3/8" x 1/2"	3/8"	6 1/4"	2080	5/16" x 3/8"	1.15
2070	3/8" x 7/16"	1.30	3/8"	7/16" x 1/2"	7/16"	7 1/4"	2081	3/8" x 7/16"	1.30
				1/2" x 5/8"	1/2" x 5/8"		2081A	3/8" x 7/16"	1.30
2071	7/16" x 1/2"	1.45	7/16"	1/2" x 5/8"	1/2" x 5/8"	8 1/4"	2082	7/16" x 1/2"	1.50
2072	1/2" x 9/16"	1.65	1/2"	5/8" x 3/4"	5/8" x 3/4"	9 1/4"	2083	1/2" x 9/16"	1.70

Combination Box Open End Wrenches



45 Degrees

Drop forged from Chrome Vanadium Steel, triple plated, polished heads. Two styles either 10° or 45° offset on box end. Same size openings on both ends.



10 Degree

No.	Opening	Length	Weight	Price
2131	3/8"	6 1/2"	1 1/4 oz.	$1.05
2132	7/16"	7"	2 oz.	1.10
2133	1/2"	7 1/16"	2 1/2 oz.	1.20
2134	9/16"	7 1/2"	3 oz.	1.35
2134A	11/16"	7 1/2"	3 oz.	1.40
2135	5/8"	7 7/8"	3 1/2 oz.	1.45
2136	11/16"	8 1/4"	4 oz.	1.60
2137	3/4"	9 5/8"	5 oz.	1.80
2137A	11/16"	9 5/8"	5 oz.	1.90
2138	7/8"	10 1/2"	7 oz.	2.10
2139	15/16"	12"	10 oz.	2.30

No. 2130-6F — Set of 6 in carton, sizes 3/8", 7/16", 1/2", 9/16", 5/8" and 3/4".....Price $7.75

No. 2130-6 — Same set as above in leatherette roll.....Price $8.75
Weight 2 lbs.

No. 2130-4F — Set of 4 in carton, sizes 3/8", 1/2", 9/16" and 5/8".....Price $5.10

No. 2130-4 — Same set as above in leatherette roll.....Price $5.80
Weight 1 1/2 lbs.

No.	Size	Length	Weight	Price
2031	3/8"	7"	1 1/2 oz.	$0.80
2032	7/16"	7 1/4"	2 oz.	.85
2033	1/2"	7 5/8"	2 1/2 oz.	.95
2034	9/16"	8"	3 oz.	1.10
2034A	11/16"	8"	3 oz.	1.15
2035	5/8"	8 1/2"	3 1/2 oz.	1.20
2036	11/16"	8 3/4"	4 oz.	1.35
2037	3/4"	10 1/4"	5 oz.	1.50
2037A	11/16"	10 1/4"	5 oz.	1.35
2038	7/8"	11 1/8"	7 oz.	1.55
2039	15/16"	12 1/4"	10 oz.	1.75

No. 2030-6F — Set of 6 in carton, sizes 3/8", 7/16", 1/2", 9/16", 5/8" and 3/4".....Price $6.25

No. 2030-6 — Same set as above in leatherette roll.....Price $7.00
Weight 2 lbs.

No. 2030-4F — Set of 4 in carton, sizes 3/8", 1/2", 9/16" and 5/8".....Price $4.10

No. 2030-4 — Same set as above in leatherette roll.....Price $4.60
Weight 1 1/2 lbs.

DURO-CHROME Flex Wrenches

These Flex Wrenches offer all the good features of both Flex Wrenches and 12 Point Socket Wrenches in combination with Universal Joint.

Work Any Angle

On account of the Flex action on heads it is possible to work these Wrenches in close quarters at practically any angle.

Popular Combinations

In the lists below will be found popular combinations for nearly every requirement. Nos. 2142A and 2143 are especially desirable for Chevrolet cars while No. 2146, which is extra long, is especially adaptable to Ford cars.

Standard Sizes

No.	Openings	Length	Price
2141	3/8" x 7/16"	6¼"	$2.30
2142	7/16" x 1/2"	7½"	2.50
2142A*	7/16" x 1/2"	7¾"	2.50
2143*	1/2" x 5/8"	8½"	2.80
2144	11/16" x 3/4"	9¼"	3.00
2145	3/4" x 7/8"	10¾"	3.20
2146†	5/8" x 11/16"	11½"	3.20

*Popular for Chevrolet Cars.
†Popular for Ford Cars.

No. 2140F—Set of Five Wrenches described above—Nos. 2141, 2142, 2143, 2144 and 2145 in carton ..... **Price $13.80**
Weight 4½ lbs.

No. 2140 — Same Set as described above in Leatherette Roll ..... **Price $14.50**
Weight 4½ lbs.

Main Bearing Wrenches
FOR POPULAR CARS



All of these Wrenches are made from Drop Forged Chrome Vanadium Steel and have 12 Point accurately machined openings with heads properly offset and of the correct length to take care of probably one of the most important as well as difficult jobs on a motor.

No. 2049-12

This Wrench with 11/16" and 3/4" twelve point openings for main bearing and cylinder head bolts on: Chevrolet 6, Pontiac 6 and 8, 1933-39, Chrysler 6 and 8, Dodge 6 and 8, Plymouth models 1930 to 1939 inclusive, De Soto 6, 1930-39, and Ford (except V8-60) 1928-39 inclusive.

No. 2049-12 — 3/4" x 11/16" Wrench, 12" long ... **Price $2.10**
Weight 12 oz.

No. 2049-15

This Wrench has same openings as above Wrench and suitable for same cars, but is 15" for those desiring a slightly longer wrench.

No. 2049-15 — 3/4" x 11/16" Wrench, 15" long ... **Price $2.60**
Weight 1 lb.

No. 2050-12

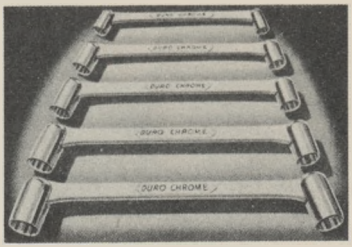
5/8" x 3/4" Main Bearing and Cylinder Head Wrench for Chevrolet 6 models up to and including 1932, Pontiac 6 models 1928 to 1932 inclusive, and Oldsmobile 6 and 8, 1932-39.

No. 2050-12 — 5/8" x 3/4" Wrench, 12" long ... **Price $2.10**
Weight 13 oz.

No. 2050-15

Same Wrench as above except 15" long.

No. 2050-15 — 5/8" x 3/4" Wrench, 15" long ... **Price $2.60**
Weight 1 lb.



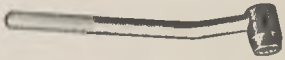
Millimeter Sizes

No.	Openings	Length	Price
2151	10 mm x 11 mm	6¼"	$2.30
2152	13 mm x 15 mm	7½"	2.50
2153	14 mm x 16 mm	8½"	2.80
2154	17 mm x 19 mm	9¼"	3.00
2155	21 mm x 22 mm	10¾"	3.20

No. 2150F — Set of Five Wrenches described above in carton ..... **Price $13.80**
Weight 4½ lbs.

No. 2150 — Same Set as described above in Leatherette Roll ..... **Price $14.50**
Weight 4½ lbs.

Connecting Rod Wrenches
FOR POPULAR CARS



These hexagon head Wrenches have Chrome Vanadium Steel heads, accurately machined and of proper design to do this important and difficult task. Handle is 9" long, made of special analysis steel and offset at the right angle so as to give proper clearance and maximum utility.

No. 608

The 9/16" 12 Point Socket fits connecting rod bolts of Chrysler 6 and 8, Dodge 6 and 8, Plymouth 4 and 6, De Soto 6 and Chevrolet 6 Models 1930 to 1939 inclusive; also 6 and 8 cylinder Pontiacs 1926 to 1939 and Oldsmobile 6 and 8, 1930 to 1939 inclusive.

No. 608 — 9/16" 12 Point Connecting Rod Wrench ..... **Price $0.90**
Weight 14 oz.

No. 615

This 11/16" 12 Point Wrench is adapted for connecting rod bolt on Model "A" and "B" Fords.

No. 615 — 11/16" 12 Point Connecting Rod Wrench ..... **Price $0.90**
Weight 13 oz.

No. 617

5/8" 12 Point extra thin nose Chrome Vanadium Steel Connecting Rod Wrench for V8 Ford except "V8-60."

No. 617 — 5/8" Connecting Rod Wrench ..... **Price $0.90**
Weight 13 oz.

No. 610

7/16" 6 Point extra thin nose Chrome Vanadium Steel Wrench for 1937-39 Ford "V8-60". Also for 1938-39 Cadillac V8 and La Salle.

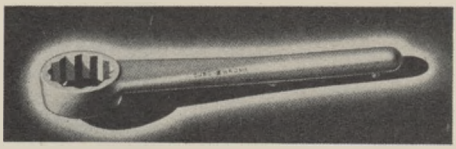
No. 610 — 7/16" Connecting Rod Wrench ..... **Price $0.90**
Weight 1 lb.

NOTE: On account of restricted space the nose of these sockets is tapered down smaller than good engineering design permits and though made of best Chrome Vanadium Steel Numbers 610 and 617 are not guaranteed.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

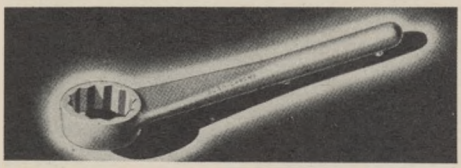
DURO-CHROME Heavy Duty Detachable Box Wrenches

Designed to do that "nearly impossible job" with ease, speed and safety. Drop forged from Chrome Vanadium Steel, heat treated and tempered for the ultimate in strength.

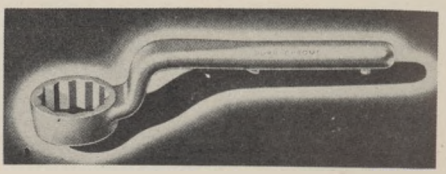


Designed by mechanics for mechanics. Handles are listed below in two size shank drives and various lengths.

Straight Type



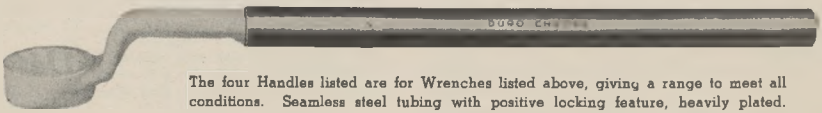
15° Angle Type



Offset Type

Size	Shank	Weight	Straight		15° Angle		Offset	
			No.	Price	No.	Price	No.	Price
1 1/16"	7/8"	1 1/8 lbs.	2200A	$2.80	2210A	$3.00	2220A	$3.10
1 1/8"	7/8"	1 1/8 lbs.	2200B	2.85	2210B	3.00	2220B	3.20
1 1/4"	7/8"	1 1/4 lbs.	2200C	2.90	2210C	3.00	2220C	3.30
1 3/16"	7/8"	1 1/4 lbs.	2200D	3.75	2210D	3.90	2220D	4.15
1 1/8"	7/8"	1 1/2 lbs.	2200E	4.55	2210E	4.60	2220E	5.55
1 1/16"	7/8"	1 1/2 lbs.	2200F	4.55	2210F	4.60	2220F	5.55
1 1/2"	1"	1 3/4 lbs.	2201	5.00	2211	5.00	2221	6.00
1 5/8"	1"	2 1/4 lbs.	2202	5.70	2212	5.70	2222	7.25
1 3/4"	1"	2 1/2 lbs.	2203	6.05	2213	6.05	2223	7.55
1 7/8"	1"	2 3/4 lbs.	2204	6.20	2214	6.20	2224	7.75
1 7/8"	1"	2 3/4 lbs.	2205	7.50	2215	7.75	2225	9.00
2"	1"	3 lbs.	2206	7.50	2216	7.75	2226	9.00
2 1/16"	1"	3 lbs.	2207	7.70	2217	7.75	2227	9.00
2 3/8"	1"	3 lbs.	2208	8.15	2218	8.50	2228	9.65
2 1/4"	1"	3 1/4 lbs.	2209	8.15	2219	8.90	2229	9.65

Handles for Detachable Heavy Duty Box Wrenches

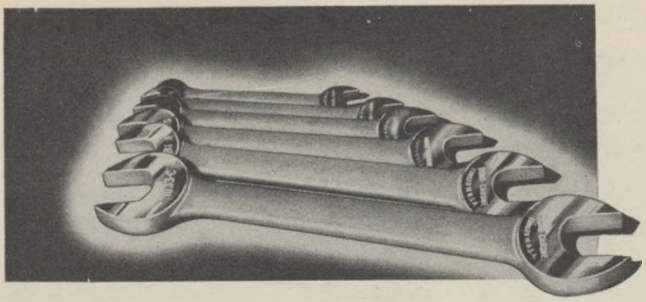


The four Handles listed are for Wrenches listed above, giving a range to meet all conditions. Seamless steel tubing with positive locking feature, heavily plated.

No.	For Shank Size	Length	Weight	Price
2240	7/8"	24"	2 1/2 lbs.	$4.55
2241	1"	18"	1 3/4 lbs.	3.90
2242	1"	24"	2 3/4 lbs.	4.55
2243	1"	30"	4 lbs.	6.25

Note: Be sure to order Handles to fit proper diameter shank, two sizes are used, either 7/8" or 1". Handles can be used with two Wrenches with the same size shank giving a double Wrench with two openings.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.



DURO-CHROME

Automotive and Engineers Open End Wrenches

Drop forged from the finest of Chrome Vanadium Steel, carefully hardened and tempered to give the greatest resiliency under the most severe shocks and strains.

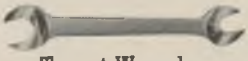
Open End Wrenches
15° Angle Heads

No.	Size Openings	Length	Weight Per Doz.	Price Each
1721	5/16" x 3/8"	5"	1 lb.	$0.70
1021	3/8" x 11/32"			
1722	3/8" x 7/16"			
1723	3/8" x 7/16"			
1022	5/16" x 1/2"	5 3/4"	1 lb.	.80
1023	11/32" x 1/2"			
1723A	3/8" x 1/2"			
1024	11/32" x 11/32"	6 1/4"	2 lb. 2 oz.	.95
1724	3/8" x 3/8"			
1725	7/16" x 1/2"			
1725A	7/16" x 9/16"			
1725B	1/2" x 9/16"			
1025	1/2" x 11/32"			
1726	1/2" x 5/8"	7 1/8"	3 lb. 3 oz.	1.15
1026	1/2" x 11/16"			
1727	9/16" x 5/8"			
1027	11/32" x 11/16"			
1027C	9/16" x 9/16"			
1728	5/8" x 3/4"	8 1/4"	5 lb. 7 oz.	1.35
1028	11/32" x 11/32"			
1028S	5/8" x 11/32"			
1729	5/8" x 3/4"			
1029	11/16" x 11/32"			
1030	11/16" x 7/8"			
1731	3/4" x 7/8"	9 3/8"	7 lb. 3 oz.	1.80
1731A	3/4" x 7/8"			
1031	11/32" x 7/8"			
1731B	3/4" x 7/8"			
1032	11/32" x 11/32"			
1732A	3/4" x 1"			
1033A	7/8" x 15/16"			
1033	7/8" x 11/32"			
1732HB	3/4" x 1 1/16"			
1733	7/8" x 1"	10 5/8"	11 lb. 11 oz.	2.45
1033C	15/16" x 1"			
1034	7/8" x 1 1/16"			
1734	7/8" x 1 1/8"			
1035	11/32" x 1 1/16"			
1735	1" x 1 1/16"	12 1/4"	16 lb.	3.30
1036	11/32" x 1 1/4"			
1736	1" x 1 1/4"			
1037	1 1/16" x 1 1/4"			
1737	1 1/16" x 1 1/4"			



Obstruction End Wrenches

No.	Size Openings	Length	Weight Per Doz.	Price Each
1821	3/8" x 3/8"	5 1/2"	1 lb. 2 oz.	$0.90
1823	7/16" x 7/16"	5 1/2"	1 lb. 2 oz.	.90
1828	1/2" x 1/2"	6 1/2"	2 lb.	1.10
1827	9/16" x 9/16"	6 1/2"	2 lb.	1.10
1829	5/8" x 5/8"	7 1/2"	3 lb.	1.30
1830	11/16" x 11/16"	7 1/2"	3 lb.	1.30
1831	3/4" x 3/4"	7 1/2"	3 lb. 9 oz.	1.30



Tappet Wrenches

D1	1/16" x 11/32"	8"	1 lb. 8 oz.	.87
D1A	1/16" x 1/2"	8"	1 lb. 8 oz.	.87
D2	1/2" x 9/16"	8 1/2"	1 lb. 12 oz.	.92
D3	5/8" x 11/16"	9"	2 lb. 4 oz.	1.03
D4	3/4" x 7/8"	9 1/2"	3 lb. 12 oz.	1.27
D4A	3/4" x 15/16"	9 1/2"	3 lb. 12 oz.	1.27



Extra Long Tappet Wrenches

LDT-14	7/16"	12 1/2"	2 1/4 lbs.	1.35
LDT-16	1/2"	12 1/2"	2 1/4 lbs.	1.35
LDT-17	11/32"	12 1/2"	2 1/4 lbs.	1.35
LDT-18	9/16"	12 1/2"	2 1/4 lbs.	1.35
LDT-20	5/8"	12 1/2"	3 3/4 lbs.	1.50
LDT-22	11/16"	12 1/2"	3 3/4 lbs.	1.50



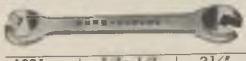
Extra Long Heavy Duty

1731AL	3/4" x 7/8"	15"	12 lbs. 12 oz.	3.10
1034AL	7/8" x 1 1/16"	16"	18 lbs.	3.30
1735L	1" x 1 1/16"	16"	17 lbs. 4 oz.	3.30



Extra Long for Brake Eccentrics

1720L	3/8" x 1/4"	9"	1 1/2 lbs.	1.40
1721L	5/16" x 3/8"	9"	2 lbs.	1.40



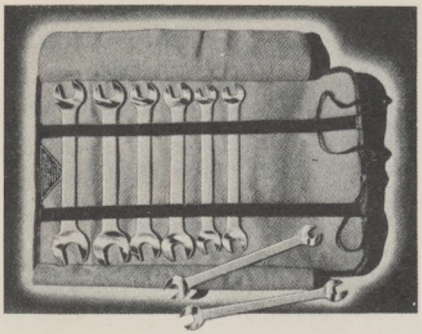
Set Screw Wrenches

1091	1/4" x 1/4"	3 1/2"	1 lb.	.75
1092	5/16" x 3/8"	5"	2 lb. 4 oz.	.80
1093	7/16" x 1/2"	6 3/4"	4 lb. 12 oz.	1.00

6 Wrenches of one size to standard carton.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Automotive Open End Wrenches
Tappet Wrench Sets

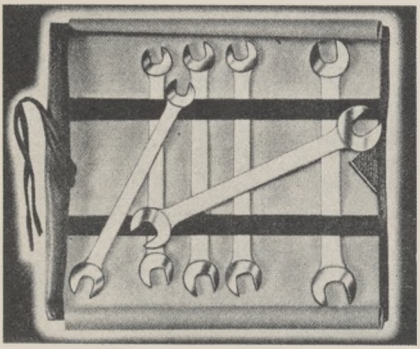


Tappet Wrenches described on page 7 have been put up in substantial self-lined leatherette roll. The following assortment of Wrenches will service practically all makes of cars.

No. DC8T Comprises Eight TAPPET WRENCHES, two each of

No. D1 — Size 7/16"x 11/32"
No. D2 — Size 1/2"x 3/8"
No. D3 — Size 5/8"x 7/16"
No. D4 — Size 3/4"x 1/2"

No. DC8T.....**Price $9.00**
Weight 2¼ lbs.

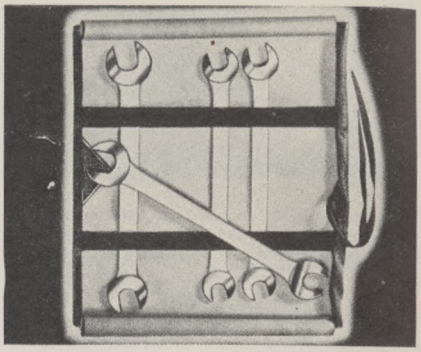


This set is similar to the one above with one size of Wrench omitted. Put up in attractive self-lined leatherette roll.

No. DC6T Contains Six TAPPET WRENCHES, two each of

No. D1 — Size 7/16"x 11/32"
No. D2 — Size 1/2"x 3/8"
No. D3 — Size 5/8"x 7/16"

No. DC6T.....**Price $6.30**
Weight 1½ lbs.

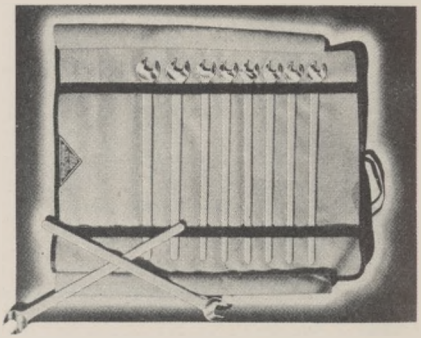


A low priced foundation set of Wrenches as described on page 7 to take care of the more popular cars, in self-lined leatherette roll.

No. DC4T Consists of Four TAPPET WRENCHES, two each of

No. D2 — Size 7/16"x 11/32"
No. D3 — Size 5/8"x 7/16"

No. DC4T.....**Price $4.30**
Weight 1 lb.



Extra Long Tappet Wrench Sets

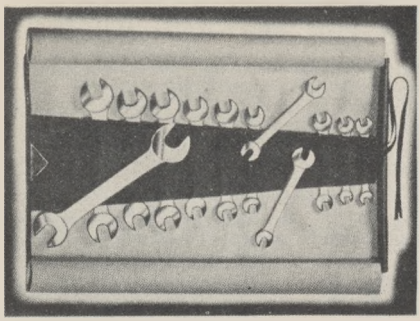
Extra Long Tappet Wrenches described on page 7 are furnished in combinations listed below with self-lined leatherette roll.

No. LT6R contains two each 3/8", 7/16" and 1/2".....**Price $9.30**
Weight 1¾ lbs.

No. LT10R contains two each 3/8", 1/2", 9/16", 5/8" and 11/16".....**Price $15.00**
Weight 2½ lbs.

No. LT12R contains two each 3/8", 1/2", 11/32", 9/16", 5/8" and 3/4".....**Price $17.50**
Weight 2¾ lbs.

DURO-CHROME Automotive Open End Wrenches



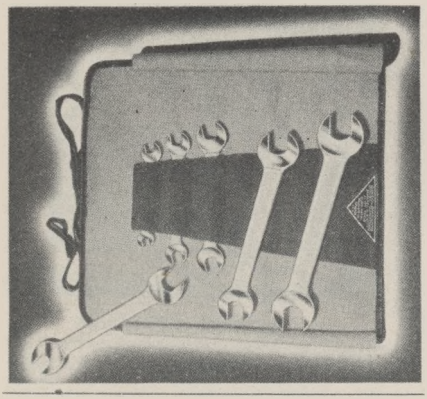
Open End Wrench Sets

The most frequently used Open End Wrenches as described on page 7 have been made up in two popular sets in self-lined substantial leatherette roll.

No. 17012 Comprises Twelve AUTOMOTIVE TYPE OPEN END WRENCHES, 1 each of

No. 1723 — Size 3/8"x 7/16"
No. 1021 — Size 5/16"x 11/32"
No. 1023 — Size 1/2"x 17/32"
No. 1725 — Size 1/4"x 1/2"
No. 1725B—Size 1/2"x 9/16"
No. 1025 — Size 1/2"x 9/16"
No. 1727 — Size 1/2"x 1/2"
No. 1027 — Size 11/32"x 11/32"
No. 1729 — Size 5/8"x 5/8"
No. 1029 — Size 11/16"x 23/32"
No. 1731A—Size 3/8"x 7/16"
No. 1033C—Size 15/16"x 1"

No. 17012.....**Price $16.00**
Weight 4 lbs.

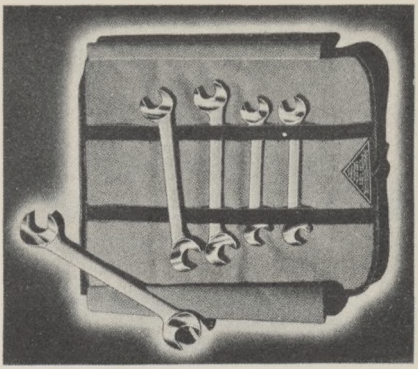


The other popular set, made up to meet the demand for a lower priced unit of the same high grade Wrenches and containing no duplication of sizes.

No. 17006 Comprises Six AUTOMOTIVE TYPE OPEN END WRENCHES, 1 each of

No. 1723 — Size 3/8"x 7/16"
No. 1725B — Size 1/2"x 9/16"
No. 1027 — Size 11/32"x 1/2"
No. 1028S — Size 5/8"x 11/32"
No. 1731A — Size 3/8"x 7/16"
No. 1033C — Size 15/16"x 1".

No. 17006.....**Price $9.33**
Weight 2½ lbs.



Special Angle Wrenches

These Wrenches have the same opening on each end, one end being offset at an angle of 22½°, the other end 60°. Slender oval heads, Drop Forged Chrome Vanadium Steel and typical Duro-Chrome finish.

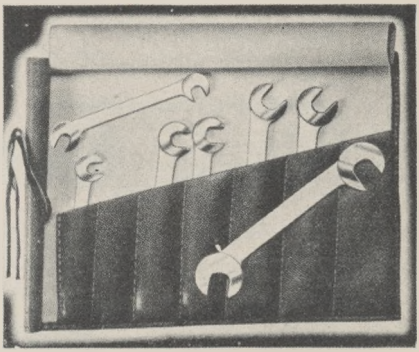
No.	Size	Length	Weight Per Doz.	Price
1881	9/16"	6¼"	2¼ lbs.	$1.20
1882	5/8"	6¼"	2¼ lbs.	1.20
1883	11/16"	7¾"	3⅛ lbs.	1.50
1884	3/4"	7¾"	3⅛ lbs.	1.50
1885	7/8"	9"	5½ lbs.	1.80

Special Angle Wrench Sets

Five Wrenches described above are put up in substantial self-lined leatherette roll as illustrated.

No. 1895-5R — Set of Five Special Angle End Wrenches in Roll.....**Price $8.00**

No. 1895-5F — Same Set in Fibre Box.....**Price $7.17**
Weight 1½ lbs.

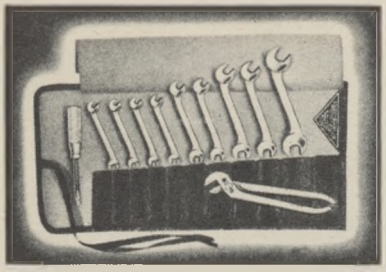


Obstruction Type End Wrench Set

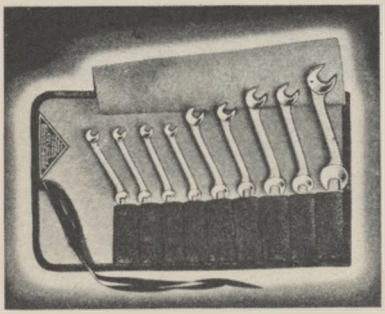
The 7 Obstruction Wrenches described on page 7 are contained in this set, put up in a substantial, self-lined leatherette roll.

No. 18007 — Set of 7 Obstruction Wrenches, Price $8.93
Weight 2 lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS



No. 1711 — 11 Piece Ignition Set in Roll, as illustrated ..... **Price $10.00**
Weight 1 lb.



No. 1709 — 9 Piece Ignition Set, in roll, as illustrated. **Price $8.00**
No. 1707 — 7 Piece Ignition Set, as above only with 7 Wrenches Nos. E61 to E67, inclusive ..... **Price $6.00**
Weight 7 oz.

Midget Ignition Box Wrenches



Drop Forged from Chrome Vanadium Steel. The two sizes listed have four popular openings. Handy for ignition and refrigeration work.

No. 2021 — Midget Box Wrench ¼" x 5/16" ..... **Price $0.90**
Weight 1 oz.

No. 2022 — Midget Box Wrench 3/32" x 11/64" ..... **Price $0.90**
Weight 1 oz.

Starter and Manifold Wrench

A Drop Forged, Chrome Vanadium Steel, 12 Point Wrench, especially designed as a time saving tool. Triple plated satin finish, with polished heads, 7¾" long, ⅝" and 9/16" openings.



No. 2081 — Starter and Manifold Wrench ..... **Price $1.30**
Weight 5 oz.

No. 2081A — ⅝" x 9/16" Chevrolet Starter Wrench for Models up to and including 1939 ..... **Price $1.30**
Weight 5 oz.

Battery and Starter Wrench

A 12 Point 3/8" and ⅜" Box End Wrench fits practically all battery terminals as well as starter units on many cars. Drop forged from high grade steel. Satin finish with polished heads. Length 6".



No. 647 — Battery and Starter Wrench ..... **Price $0.70**
Weight 3 oz.

DURO-CHROME
Ignition Wrench Sets

The Drop Forged Chrome Vanadium Steel Ignition Wrenches as described below together with No. 2110 Ignition Plier and No. 182 DuroLite Screw Driver have been combined in these sets which every mechanic will appreciate. The roll is substantially made of two-toned, self-lined leatherette.

Ignition Wrenches

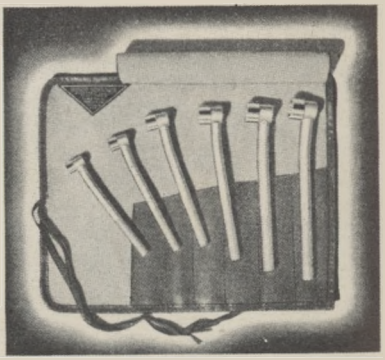
The Duro-Chrome Ignition Wrenches listed below show 15° angle opening in first size, 60° angle opening in second size given.

Number	Sizes	Price
E61	13/64" x 15/64"	$0.75
E62	15/64" x 17/64"	.75
E63	17/64" x 9/32"	.75
E64	1/4" x 17/64"	.75
E65	9/32" x 5/16"	.80
E66	5/16" x 11/32"	.80
E67	11/32" x 3/8"	.90
E68	3/8" x 11/32"	.90
E69	7/16" x 1/2"	1.00

Midget Ignition Plier

This Plier is 4½" long, adjustable in four positions up to ⅝". An ideal tool for distributor heads, generators, timers, etc. Satin finish with polished jaws. Drop Forged Chrome Vanadium Steel.

No. 2110 — Midget Chrome Vanadium Steel Ignition Plier ..... **Price $1.50**
Weight 1 oz.



Offset Socket Wrenches

These Wrenches are typical Duro-Chrome construction and are especially adapted to electrical work or on carburetors, manifolds, generators, starters, etc. Sockets have polished nose and handles are in duplex finish.

Set consists of the 6 Wrenches in substantial pocket case as listed below.

No. 446 — Set of 6 Offset Wrenches ..... **Price $5.20**
Weight 12 oz.

Number	Size	Price
440	5/16"	$0.80
441	3/8"	.80
442	7/16"	.80
443	1/2"	.80
444	9/16"	.80
445	5/8"	.80

DUROLITE "Spin-Flex" Wrenches

Registered U. S. Patent Office.



"Spin-Flex" Wrenches meet that urgent need of the mechanic for a tool that will "reach around the corner" and yet have positive action in either the on or off motion. The flexible connection is sturdy enough for all purposes yet flexible enough to reach those hard to get at places under the dash, around the carburetor, etc. Handles of either "DuroLite" Amber, or "DuroGrip" Black Moulded material, both of which are "Shock-Proof."

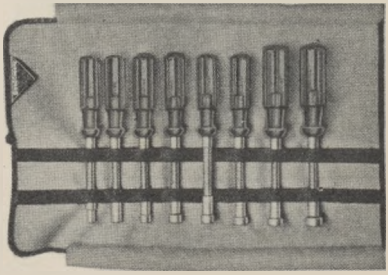
"Spin-Flex" Display

The metal display shown at left is finished in gold, black and red and carries a stock of two each of the "Spin-Flex" Wrenches listed below, 16 in all.

No. 4590-16DB — Display of 16 "Spin-Flex" Wrenches with "DuroLite" Handles ..... Price $36.40
Weight 10 lbs.

No. 4580-16DB — Display of 16 "Spin-Flex" Wrenches with "DuroGrip" Handles ..... Price $26.60
Weight 10 lbs.

"Spin-Flex" Wrench Sets



The eight piece set as illustrated, is in a substantial two-toned self-lined leatherette roll, sizes $\frac{3}{16}$", $\frac{1}{4}$", $\frac{5}{16}$", $\frac{11}{32}$", $\frac{3}{8}$", $\frac{7}{16}$", $\frac{1}{2}$" and $\frac{9}{16}$".

The four sets listed below have "DuroLite" Amber Handles.

No. 4590-8R — Set of 8 "Spin-Flex" Wrenches ..... Price $18.95
Weight 4 lbs.

No. 4590-8F — Set of 8 "Spin-Flex" Wrenches in carton (less roll) ..... Price $18.20
Weight 3½ lbs.

No. 4590-6R — Same Set less ½" and $\frac{9}{16}$", in leatherette roll ..... Price $13.95
Weight 3 lbs.

No. 4590-6F — Six Piece Set as listed above in carton (less roll) ..... Price $13.20
Weight 3 lbs.

The four sets listed below have "DuroGrip" Black Moulded Handles.

No. 4580-8R — Set of 8 "Spin-Flex" Wrenches in roll ..... Price $14.00
Weight 4 lbs.

No. 4580-8F — Set of 8 "Spin-Flex" Wrenches in carton (less roll) ..... Price $13.00
Weight 3½ lbs.

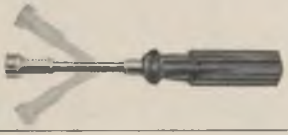
No. 4580-6R — Same Set less ½" and $\frac{9}{16}$", in leatherette roll ..... Price $10.00
Weight 3 lbs.

No. 4580-6F — Six Piece Set as listed above in carton (less roll) ..... Price $9.00
Weight 3 lbs.

"Spin-Flex" Wrenches



These are very popular either individually or in sets. Furnished either with "DuroLite" or "DuroGrip" Black Moulded Insulated Handles.

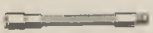




With "DuroLite" Handles			With "DuroGrip" Handles	
No.	Price	Size	No.	Price
4591	$2.20	$\frac{3}{16}$"	4581	$1.55
4592	2.20	$\frac{1}{4}$"	4582	1.55
4593	2.20	$\frac{5}{16}$"	4583	1.55
4594	2.20	$\frac{11}{32}$"	4584	1.55
4595	2.20	$\frac{3}{8}$"	4585	1.55
4596	2.20	$\frac{7}{16}$"	4586	1.55
*4597	2.50	$\frac{1}{2}$"	*4587	2.00
*4598	2.50	$\frac{9}{16}$"	*4588	2.00

Average Weight 6 oz.
*These four have larger handles in proportion to size socket.

"Spin-Flex" Socket Adaptors





In the three numbers listed below are offered either the spinner type handle with the flexible drive or the flexible drive only, both for ¼" square sockets and fittings.

No. 4571 — ¼" Square "Spin-Flex" with "DuroLite" Handle ..... Price $2.00
Weight 4 oz.

No. 4579 — ¼" Square "Spin-Flex" with "DuroGrip" Handle ..... Price $1.65
Weight 4 oz.

No. 4570 — ¼" Square "Spin-Flex" Adaptor ..... Price $1.60
Weight 2 oz.



MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

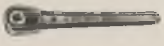
DURO-CHROME Midget Sockets and Fittings

¼" Square Drive

Midget Ratchet

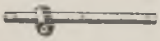


A very high grade drop forged Reversible Ratchet with ¼" square drive. Made under an exclusive patent without bolts or rivets. 6" long.
No. 4487¼ — Midget Reversible Ratchet . . . Price $3.40



Ratchet similar to above without the reversible feature and with ¼" square hole through the driving head.
No. 4488¼ — Midget Non-Reversible Ratchet . . . . . Price $2.50
Weight 6 oz.

Midget Slide "T" Handle



Can be used either with or without the Extension Adaptor shown below and makes a Handle that can be used in nearly any position. 4½" long.
No. 4535 — Midget Slide "T" Handle . . . . . Price $1.50
Weight 4 oz.

Midget 6" Extension



This 6" Extension Adaptor provides an Extension to be used with either the Ratchet, Swing Head Handle or the Slide "T" Handle. 6" long.
No. 4533 — Midget 6" Extension . . . . . Price $1.05
Weight 4 oz.

Midget Swing Head Handle

With Cross Bar so it can be used either as an Offset or "T" Handle. Also has ¼" square drive on both ends and can be used with Ratchet as an Extension. 6½" long.



No. 4560 — Midget Swing Head Handle . . . . . Price $1.50
Weight 8 oz.

Midget 12 Point Hexagon Sockets

"Hot-Broached"
¼" Square Drive

No.	Size	Price
4506*	3/16"	$0.35
4507*	7/32"	.35
4508*	1/4"	.35
4509*	9/32"	.35
4510*	5/16"	.35
4511	11/32"	.35
4512	3/8"	.35
4514	7/16"	.35

*These Sockets are 6 Point.

Midget 8 Point Square Sockets

"Hot Broached"
¼" Square Drive

No.	Size	Price
4506S*	3/16"	$0.35
4507S*	7/32"	.35
4508S	1/4"	.35
4510S	5/16"	.35
4512S	3/8"	.35

*These are 4 Point.



Midget "Spin-Flex" Handles

These Handles with ¼" square drive and the flexible feature make possible the use of all Midget Sockets and reaches places that are extremely difficult to handle with any other type tool. 7½" long.

No. 4571—Midget "Spin-Flex" Adaptor with "DuroLite" Handle . Price $2.00
Weight 4 oz.

No. 4579—Midget "Spin-Flex" Adaptor with "DuroGrip" Handle . Price $1.65
Weight 4 oz.



DuroLite Midget Spinner Type Handles



These two Handles have DuroLite shock-proof and break-proof handles with ¼" square drive fitted with friction ball.
No. 4572 — Midget Spinner Type
Handle 4" long . . . . . Price $0.90
Weight 2 oz.

No. 4573 — Midget Spinner Type
Handle 6" long . . . . . Price $1.00
Weight 3 oz.

No. 4572



No. 4573

Midget "Spin-Flex" Adaptor



This Adaptor has ¼" square male and ¼" square female ends and gives a flexible drive with any ¼" square handle. Length 4".

No. 4570 — Midget "Spin-Flex" Adaptor . . . Price $1.60
Weight 2 oz.

Short Adaptors



This Adaptor is ¾" long with friction ball in each end.
No. 4531 — ¼" Adaptor . . . . . Price $0.35
Weight 1 oz.

This Adaptor with friction ball on both ends enables the use of ⅜" drive Sockets and Fittings with ¼" drive Sockets and Fittings.
No. 4493 — ¼"x ⅜" Adaptor . . . . . Price $0.60



DURO-CHROME

Midget Socket Sets

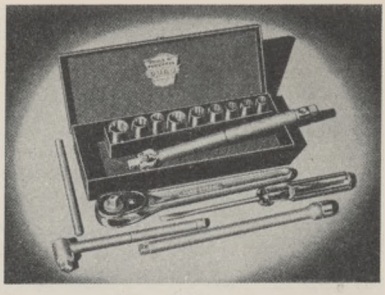
¼" Square Drive

The Midget series of sets, parts and fittings are all the name implies. They are small, well proportioned with ¼" square drive and are especially designed for use on magnetos, generators, starters, carburetors, radio, electrical work and many other places that the larger tools will not handle. Made from special Chrome Vanadium Steel, triple plated and polished.

14 Piece Set

- ¼" 6 Pt. Hex. Socket
- 11/64" 6 Pt. Hex. Socket
- 5/16" 6 Pt. Hex. Socket
- 11/32" 12 Pt. Hex. Socket
- 3/8" 12 Pt. Hex. Socket
- 7/16" 12 Pt. Hex. Socket
- Swing Head Handle
- Cross Bar
- ¼" 8 Pt. Sq. Socket
- 5/16" 8 Pt. Sq. Socket
- 3/8" 8 Pt. Sq. Socket
- 6" Extension Adaptor
- Slide T Handle
- Reversible Ratchet
- 3" DuroLite Screw Driver

No. 4504 — 14 Piece Midget Set.....Price $9.00
Weight 2 lbs.

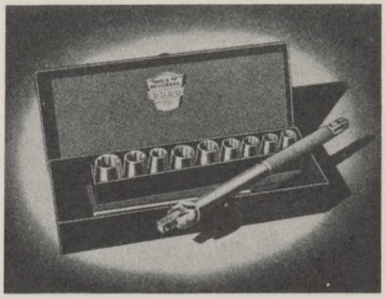


4504

10 Piece Set

- 5/32" 6 Pt. Hex. Socket
- 11/64" 6 Pt. Hex. Socket
- 5/16" 6 Pt. Hex. Socket
- 11/32" 12 Pt. Hex. Socket
- 3/8" 12 Pt. Hex. Socket
- 7/16" 12 Pt. Hex. Socket
- ¼" 8 Pt. Sq. Socket
- 5/16" 8 Pt. Sq. Socket
- 3/8" 8 Pt. Sq. Socket
- Swing Head Handle
- Cross Bar

No. 4502 — 10 Piece Midget Set.....Price $4.30
Weight 1¾ lbs.



4502

Midget Socket Sets With "Spin-Flex" Handles

In the two sets shown below the "Spin-Flex" Handle or Fitting makes either set outstanding. Number 4500 has the "Spin-Flex" Adaptor as well as Drop Forged Ignition Wrenches and Plier.

15 Piece Set

- 5/32" Hex. Socket
- 11/64" Hex. Socket
- 5/16" Hex. Socket
- 11/32" Hex. Socket
- 3/8" Hex. Socket
- 5/32" Square Socket
- 11/64" Square Socket
- ¼" Square Socket
- 5/16" Square Socket
- ¾" Square Socket
- Swing Head Handle
- "Spin-Flex" Handle
- ¼" x 5/16" Box Wrench
- 11/32" x 11/64" Box Wrench
- Cross Bar

No. 4503 — Midget Socket Set with "Spin-Flex" Handle.....Price $8.50
Weight 2 lbs.

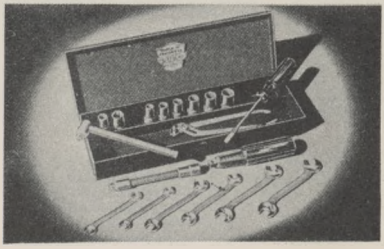


4503

19 Piece Set

- 5/32" Hex. Socket
- 11/64" Hex. Socket
- 3/16" Hex. Socket
- 13/64" Hex. Socket
- 7/32" Hex. Socket
- 15/64" Hex. Socket
- ¼" Sq. Socket
- 5/16" Sq. Socket
- Ignition Pliers
- Slide "T" Handle
- 5/32" x ¼" Ignition Wrench
- ¼" x 11/64" Ignition Wrench
- 11/64" x 3/16" Ignition Wrench
- 3/16" x 13/64" Ignition Wrench
- 13/64" x 7/32" Ignition Wrench
- 7/32" x 15/64" Ignition Wrench
- 3" DuroLite Screw Driver
- 4" Spinner Handle
- "Spin-Flex" Adaptor

No. 4500 — Master Midget Ignition Set.....Price $12.90
Weight 2¼ lbs.



4500

"Hot-Broached" (Patented) Sockets are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME "Cub" Speedster Parts and Fittings

3/8" Square Drive

These parts have been especially designed for fast work in the most difficult operations. They are Duro-Chrome standard quality of Chrome Vanadium Steel selected for maximum tensile strength for the tool in which they are being used. Triple plated duplex finish.



"Cub" Sockets
"Hot-Broached"



A thin wall, light weight Socket with accurate broaching that assures positive grip.

These thin wall extremely tough Universal Joint Sockets are designed for fast work in difficult to reach places.

12 Point — Socket

No.	Price	Size	No.	Price
4412	$.45	3/8"	4412UV	$2.20
4414	.45	7/16"	4414UV	2.20
4416	.45	1/2"	4416UV	2.20
4418	.45	9/16"	4418UV	2.20
4420	.45	5/8"	4420UV	2.20
4422	.55	11/16"	4422UV	2.20
4424	.55	3/4"	4424UV	2.20
		8 Point		
4412S	.45	3/8"		
4414S	.45	7/16"		
4416S	.45	1/2"		

Extra Deep "Cub" Sockets

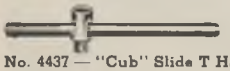
These extra deep, 2" long, "Hot-Broached" Sockets are especially convenient for body, fender, running boards and where nuts or bolts are deeply countersunk. Triple plated in typical Duro-Chrome quality and finish.



No.	Size	Price
4442	7/16"	$0.80
4442S*	7/16"	.80
4443	1/2"	.80
4444**	9/16"	.85
4445**	5/8"	.85
4446**†	11/16"	.95
4447	3/4"	1.05

*This Socket is 7/16" eight point square especially adapted for working on Chevrolet running boards. All other Sockets in this series are "12 Point" Hexagon.
**Fits AC 10 mm. Spark Plug.
†Fits Champion 10 mm. Spark Plug.

"Cub" Slide T Handle



Slide T Handle with 3/8" square male and female drives, 8" long.

No. 4437 — "Cub" Slide T Handle..... Price $1.35
Weight 8 oz.

"Cub" Universal Joint



A short three piece Universal with 3/8" square male and female connections.

No. 4497 — "Cub" Universal Joint..... Price $2.20
Weight 4 oz.

"Cub" Adaptors



These handy Adaptors permit the use of Midget (1/4" Sq. Drive) or Standard (1/2" Sq. Drive) Sockets in addition to the series shown above.



No. 481 — 1/4" Female, 3/8" Male Adaptor	Price	$0.95
No. 482 — 3/8" Female, 1/2" Male Adaptor	Price	.95
No. 491 — 1/4" Male, 3/8" Female Adaptor	Price	.95
No. 492 — 3/8" Male, 1/2" Female Adaptor	Price	.95
No. 4493 — 3/8"x 1/4" Reducing Adaptor	Price	.60
No. 693D — 3/8"x 1/2" Increasing Adaptor	Price	.80
No. 4431—1" Long 3/8" Double Male Adaptor	Price	.40



"Cub" Reversible Ratchet

An efficient and dependable tool with easy spring action of the ratchet gears and the extremely flat and narrow shape of the head. Light thumb pressure will instantly reverse ratchet action. Fully drop forged handle, 6" overall, adaptor in head has female as well as male drive.

No. 4487 — "Cub" Reversible Ratchet..... Price $3.60
Weight 8 oz.

"Cub" Non-Reversible Ratchet

Same as above except 3/8" square hole through driving head and non-reversible.



No. 4488—"Cub" Non-Reversible Ratchet Price $2.50
No. 4431—1" long 3/8" Double Male Adaptor Price $0.40
Weight 6 oz.

"Cub" Swing Head Handle



A convenient and efficient tool, popular with every mechanic. It has a spring friction radius regulator in swing head. Length overall 10".

No. 4481 — "Cub" Swing Head Handle..... Price $2.50
No. 4480 — Cross Bar 5 1/2" Long..... Price $0.25
Weight 1 lb.

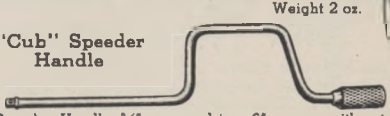
"Cub" Screw Driver Socket

Made from Chrome Vanadium Steel, heat treated, tempered and hardened. Triple plated, polished head, 3/8" square drive, 4" long.



No. 4438 — "Cub" Screw Driver Socket.....
Price $0.75
Weight 2 oz.

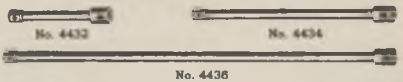
"Cub" Speeder Handle



Speeder Handle 3/8" square drive, 6" sweep, with rotating knurled handle.

No. 4482 — Speeder Handle, 44 1/2" overall Price $3.00
Weight 2 1/4 lbs.
No. 4483 — Speeder Handle, 32 1/2" overall Price $2.50
Weight 1 3/4 lbs.
No. 4484 — Speeder Handle, 10 1/2" overall Price $1.55
Weight 1 lb.
No. 4485 — Speeder Handle, 16 1/2" overall Price $1.85
Weight 1 lb.

"Cub" Extension Adaptors



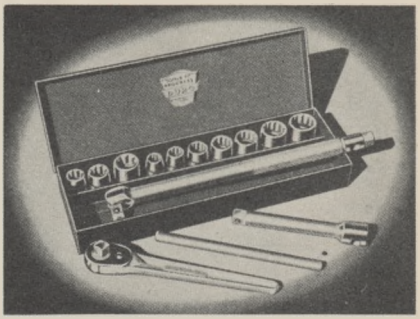
With cross hole in head to take No. 4480 Cross Bar.

No. 4432 — 4 1/2" Extension Adaptor..... Price $0.85
Weight 4 oz.
No. 4433 — 6" Extension Adaptor..... Price $1.05
Weight 6 oz.
No. 4434 — 9" Extension Adaptor..... Price $1.10
Weight 8 oz.
No. 4435 — 12" Extension Adaptor..... Price $1.20
Weight 10 oz.
No. 4436 — 18" Extension Adaptor..... Price $1.50
Weight 14 oz.
No. 4480 — Cross Bar 5 1/2" Long..... Price $0.25

DURO-CHROME "Cub" Socket Sets

3/8" Square Drive

The "Cub" Sets shown on this page have been selected so as to give maximum utility and to meet every requirement. Sockets "Hot-Broached" 8 and 12 Point.



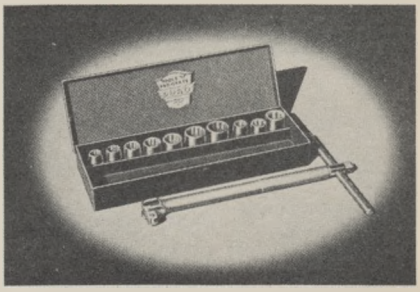
5014

14 Piece Set

CONTENTS

Reversible Ratchet	5/16" Hexagon Socket
Swing Head Handle	3/8" Hexagon Socket
Cross Bar	11/16" Hexagon Socket
4 1/2" Extension Adaptor	3/4" Hexagon Socket
3/8" Hexagon Socket	1/4" Square Socket
7/16" Hexagon Socket	7/16" Square Socket
1/2" Hexagon Socket	1/2" Square Socket

No. 5014—14 Piece "Cub" Set as illustrated ..... **Price $11.10**
Weight 3 1/4 lbs.



5012

12 Piece Set

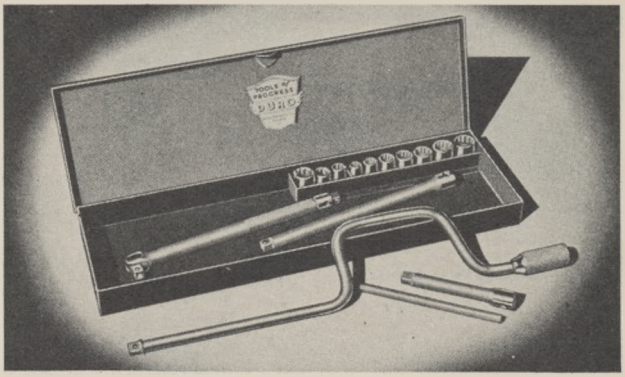
CONTENTS

Swing Head Handle	5/8" Hexagon Socket
Cross Bar	11/16" Hexagon Socket
3/8" Hexagon Socket	3/4" Hexagon Socket
7/16" Hexagon Socket	3/8" Square Socket
1/2" Hexagon Socket	7/16" Square Socket
9/16" Hexagon Socket	1/2" Square Socket

No. 5012 — 12 Piece "Cub" Set in metal box as illustrated ..... **Price $7.10**
Weight 2 1/2 lbs.

No. 5012F — 12 Piece "Cub" Set same as above except in carton ..... **Price $6.30**
Weight 1 1/2 lbs.

"Cub" Speedster Foundation Set



15 Piece Set

This set with Speeder Handle is especially desirable for fast work on oil pans, manifolds and many other places difficult to reach with larger tools. The Speeder as well as Swing Head Handle and Extension Adaptors make many very desirable combinations.

CONTENTS

Swing Head Handle	9" Extension Adaptor	5/16" Hexagon Socket	3/8" Square Socket
Cross Bar	3/8" Hexagon Socket	3/8" Hexagon Socket	7/16" Square Socket
Speeder	7/16" Hexagon Socket	7/16" Hexagon Socket	1/2" Square Socket
4 1/2" Extension Adaptor	1/2" Hexagon Socket	3/4" Hexagon Socket	

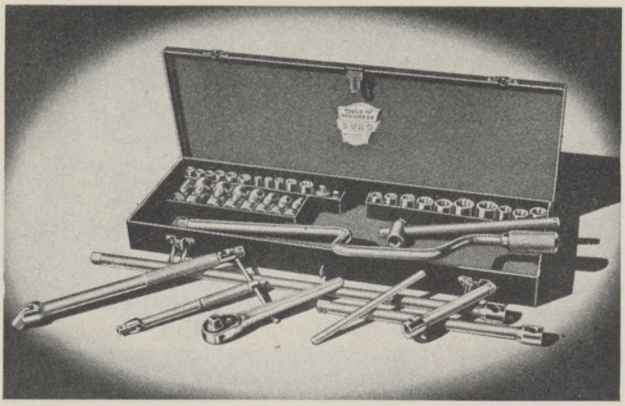
No. 5015 — 15 Piece "Cub" Speedster Foundation Set ..... **Price $12.40**
Weight 5 1/2 lbs.

"Hot-Broached" (Patented) Sockets are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME "Cub" De Luxe Socket Sets

3/8" Square Drive



In the three "Cub" Sets listed below, which are all put in the same box, are offered a complete forty piece set or two foundation sets to which the other parts can be added.

Chrome Vanadium Steel with typical Duro-Chrome finish.

40 Piece Set

With Interchanging "Cub" and Midget Sockets and Handles

CONTENTS

- 1/4" SQUARE DRIVE
- Swing Head Handle
- Cross Bar
- 3/8"x 1/4" Reducing Socket
- 1/4" Hexagon Socket
- 5/16" Hexagon Socket
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- 1/2" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 3/4" Square Socket
- 7/32" Square Socket
- 1/4" Square Socket
- 5/16" Square Socket
- 3/8" Square Socket
- 3/8" SQUARE DRIVE
- Ratchet
- Swing Head Handle
- Cross Bar
- Speeder
- Slide "T"
- 4 1/2" Extension Adaptor
- 9" Extension Adaptor
- 18" Extension Adaptor
- 3/8"x 1/4" Reducing Adaptor
- Universal Joint
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- 1/2" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 11/16" Hexagon Socket
- 3/4" Hexagon Socket
- 3/8" Square Socket
- 7/16" Square Socket
- 1/2" Square Socket
- 3/8" Universal Socket
- 7/16" Universal Socket
- 1/2" Universal Socket
- 9/16" Universal Socket
- 5/8" Universal Socket
- 11/16" Universal Socket
- 3/4" Universal Socket

No. 5040 — 40 Piece Duro-Chrome "Cub" De Luxe Socket Set ..... Price $39.20
Weight 10 1/2 lbs.

32 Piece Set

With Interchanging "Cub" and Midget Sockets and Handles

CONTENTS

- 1/4" SQUARE DRIVE
- Swing Head Handle
- Cross Bar
- 3/8"x 1/4" Reducing Socket
- 1/4" Hexagon Socket
- 5/16" Hexagon Socket
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- 1/2" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 3/4" Square Socket
- 7/16" Hexagon Socket
- 3/8" Square Socket
- 7/32" Square Socket
- 1/4" Square Socket
- 5/16" Square Socket
- 3/8" SQUARE DRIVE
- Ratchet
- Swing Head Handle
- Cross Bar
- Speeder
- Slide "T"
- 4 1/2" Extension Adaptor
- 9" Extension Adaptor
- 3/8"x 1/4" Reducing Adaptor
- Universal Joint
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- 1/2" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 11/16" Hexagon Socket
- 3/4" Hexagon Socket
- 3/8" Square Socket
- 7/16" Square Socket
- 1/2" Square Socket

No. 5032 — 32 Piece Duro-Chrome "Cub" Socket Set ..... Price $24.20
Weight 8 1/2 lbs.

19 Piece Set

All 3/8" Square Drive

CONTENTS

- Ratchet
- Swing Head Handle
- Cross Bar
- Speeder
- Slide "T"
- 4 1/2" Extension Adaptor
- 9" Extension Adaptor
- 18" Extension Adaptor
- Universal Joint
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- 1/2" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 11/16" Hexagon Socket
- 3/4" Hexagon Socket
- 3/8" Square Socket
- 7/16" Square Socket
- 1/2" Square Socket

No. 5019 — 19 Piece Duro-Chrome "Cub" Socket Set ..... Price $20.50
Weight 8 1/2 lbs.

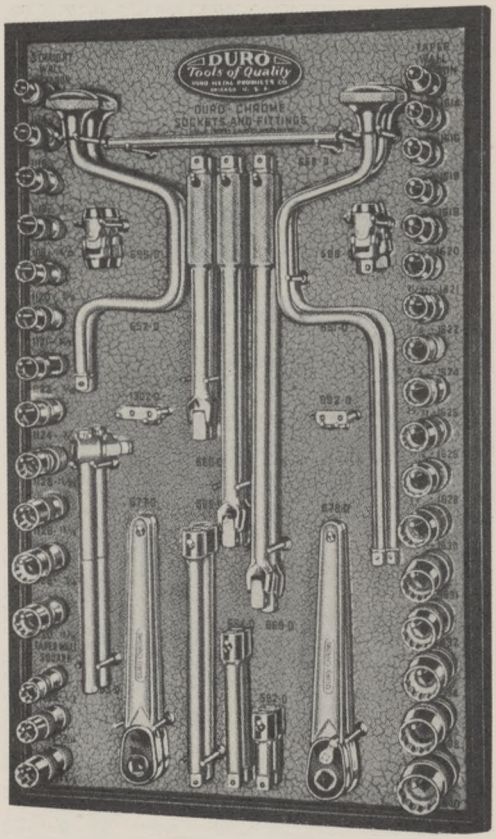
"Hot-Broached" (Patented) Sockets are Better

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

DURO-CHROME

Standard ½" Square Drive Sockets and Fittings

Forty-eight different popular Standard Sockets and Fittings with ½" square drive — an attractive as well as convenient way to show and keep a fast moving stock. Find any piece you want instantly — always before your customers reminding them of their needs. Two pieces each of forty-eight different numbers as follows:



HANDLES AND FITTINGS

Quan.	No.	Description
6	668D	Cross Bar
2	696D	Universal Joint
2	588D	Universal Adaptor
2	652D	Short Speeder
2	651D	Long Speeder
2	1302D	Screw Driver Adaptor
2	692D	Short Extension
2	666D	11½" Swing Head Handle
2	677D	Ratchet Handle
2	665D	10" Extension Adaptor
2	678D	Reversible Ratchet
2	667D	15½" Swing Head Handle
2	664D	6" Extension Adaptor
2	669D	18" Swing Head Handle
2	663D	Slide "T" Handle
2	582D	3" Extension Adaptor

STRAIGHT WALL SOCKETS

2	1114	7/16" Hexagon
2	1116	½" "
2	1118	9/16" "
2	1119	11/32" "
2	1120	5/8" "
2	1121	21/32" "
2	1122	11/16" "
2	1124	3/4" "
2	1125	13/16" "
2	1126	7/8" "
2	1128	15/16" "
2	1130	1" "

LONG TAPERED THIN NOSE SOCKETS

Quan.	No.	Description	Quan.	No.	Description
2	1614	7/16" Hexagon	2	1628	7/8" Hexagon
2	1616	½" "	2	1630	15/16" "
2	1618	9/16" "	2	1631	11/32" "
2	1619	11/32" "	2	1632	1" "
2	1620	5/8" "	2	1634	1 1/16" "
2	1621	21/32" "	2	1636	1 1/8" "
2	1622	11/16" "	2	1640	1 1/4" "
2	1624	3/4" "	2	1616S	½" Square
2	1625	13/16" "	2	1618S	9/16" "
2	1626	7/8" "	2	1620S	5/8" "

No. 1931-100SF — 100 Piece Socket and Fitting Board ..... Price $123.50
Weight 61 lbs.

NOTE: Net price on Display Boards without any tools is $4.50. The Board is furnished free only with complete assortment as shown.

"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro "Hot-Broached" Sockets

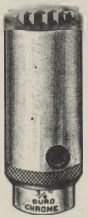
Made by Exclusive Patented Process

The Duro patented "Hot-Broached" Sockets represent an outstanding advance in Socket Wrenches. During the past years these Sockets have demonstrated consistently their superiority over Sockets made by the conventional methods. Laboratory tests show an increased tensile strength of 14% to 22%.

By this patented method the broaching is done under a controlled heat method that prevents the creating of unusual stresses or tears in steel structure of the Socket which eventually means failure in performance.

Duro "Hot-Broached" Sockets, besides being leaders in strength, are outstanding in both their accuracy of construction and attractive finish.

Standard ½" Square Drive Sockets



DURO-CHROME Extra Deep Thin Wall Sockets

3¼" long overall. Among their many uses such as for work on shackle bolts, etc., these Sockets will get at any spark plug. Triple plated finish with polished ends and cross drilled for Slide Bar. Packed in individual cartons.

No.	Price
1416	$1.00
1418**	1.00
1420**	1.10
1422□**	1.10
1424	1.10
1425	1.15
1426	1.20
1427‖	1.20
1428	1.35
1429‖§	1.35
1430	1.50
1432‡	1.60
1434	1.70
1436‡‡	1.95
1440	2.00



DURO-CHROME Deep, Straight Side, Thin Wall Sockets

A perfect Socket where only the minimum of clearance is available, although the maximum of strength and toughness is expected. Triple plated full polished finish. 6 Sockets to a carton.

No.	Price
1114	$0.65
1116	.65
1118	.75
1119	.75
1120	.80
1121	.80
1122†	.80
1124x	.85
1125	.85
1126	.85
1128	1.05
1130	1.05



DURO-CHROME Long Tapered Thin Nose Sockets

Designed as an all-purpose tool for the mechanic who requires maximum strength and utility. Attractive highly polished triple plated finish. Packed 6 Sockets to a carton.

No.	Price
1614	$0.65
1616	.65
1618	.75
1619	.75
1620	.80
1621**	.80
1622	.80
1624††	.85
1625	.85
1626	.85
1628	1.05
1630	1.05
1631	1.05
1632	1.15
1634	1.25
1636	1.35
1640	1.45



CHROME Vanadium Steel Standard Sockets

An all-around Socket of the highest tensile strength and quality. This style is universally used for standard work and meets all requirements as to accessibility and strength. Will get into closer quarters than the longer type. Comparable with the best grade tools on the market. Bright satin triple plated finish with polished nose. 6 Sockets to a carton.

Twin Hex. Socket Size	No.	Price
⅜"	1210	$0.50
7/16"	1211	.50
½"	1212	.50
9/16"	1214	.50
5/8"	1216	.50
11/16"	1217	.62
¾"	1218	.62
13/16"	1219	.62
⅞"	1220	.65
15/16"	1221	.65
1"	1222	.65
1 1/16"	1223	.75
1 1/8"	1224	.75
1 3/16"	1225	.75
1 ¼"	1226	.75
1 5/16"		
1 3/8"	1228	.75
1 7/16"	1230	.75
1 ½"	1231	.75
1 9/16"	1232	.90
1 5/8"	1234	.95
1 11/16"	1236	1.05
1 ¾"	1238	1.05
1 13/16"	1240	1.05
1 7/8"		
1 15/16"		
2"		

Square		
⅜"	1210S	.65
7/16"	1212S	.65
½"	1214S	.65
9/16"	1216S	.65
5/8"	1218S	.70
11/16"	1220S	.75
¾"	1222S	.75
13/16"	1224S	.75
⅞"	1228S	.95

** For Ford "A" and "B" Connecting Rods.
† For Chevrolet "6" Main Bearings, 1933 and earlier.
†† For all Ford "A," "B" and "V8" Main Bearings.
x For Chevrolet "6" Main Bearings, 1932 and later.
□ For 10 mm. Champion Spark Plugs.
‖ For 14 mm. Spark Plugs and Chevrolet 1933 to 1936.
§ For 18 mm. Spark Plugs and Buicks, also Plymouth, Chrysler and Dodge Shackle Bolts.
‡ For 18 mm. Spark Plugs and Ford V8.
‡‡ For Ford A and 1932 V8 Spark Plugs.
xx For 10 mm. AC Spark Plugs.



Special Sockets for Ford "V8" Connecting Rod

On account of restricted space the nose of this Socket is tapered down smaller than good engineering design permits, and though made of best Chrome Alloy Steel, it is not guaranteed.



No. 1618V8XX — 12 Point ⅜" Socket for "V8" Fords except "V8-60" . . . . . Price $0.80
No. 1618V8X — 6 Point ⅜" Socket . . . . . Price $0.80
No. 1614V8X — 6 Point ⅜" Socket for 1937-39 Ford "V8-60." Also for 1938-39 Cadillac "V8" and LaSalle. Price $0.80
Weight 3 oz.

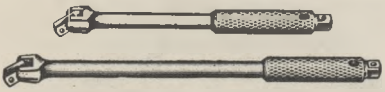
DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

DURO-CHROME Handles and Fittings

½" Square Drive

The Fittings and Handles listed below are standard DURO-CHROME quality and are of the highest standard of both quality and workmanship. They are Triple Plated and Rust Proof with bright satin finish and polished ends and faces. All are for use with standard ½" square drive Sockets and Fittings.

Swing Head Handles



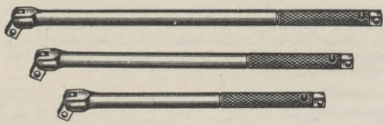
This type Handle is one of the most popular tools with the mechanic.

No. 666D — 11½" Swing Head Handle.....Price $3.10
Weight 1¼ lbs.

No. 667D — 15½" Swing Head Handle.....Price $3.40
Weight 1¾ lbs.

No. 669D — 18" Swing Head Handle.....Price $3.70
Weight 2 lbs.

Straight Type Handle

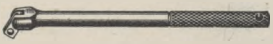


No. 658DK — 18" Swing Head Handle.....Price $3.45
Weight 2 lbs.

No. 657DK — 15½" Swing Head Handle....Price $3.10
Weight 1½ lbs.

No. 656DK — 11½" Swing Head Handle....Price $2.70
Weight 1¼ lbs.

With Plain End



No. 653DK — 11½" Swing Head Handle.....Price $2.45
Weight 1¼ lbs.

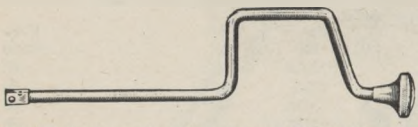
No. 655DK — 9½" Swing Head Handle.....Price $2.45
Weight 1 lb.

Cross Bar



Cross Bar 9" long to be used with any of above Handles as well as Extension Adaptors.

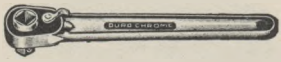
No. 668D — 9" Cross Bar.....Price $0.30
Weight 5 oz.



This Speeder has comfortable bulb type handle. 18" overall, 8" sweep, ½" square shank fitted with friction ball.

No. 651D — Long Speeder Handle.....Price $2.30
Weight 2 lbs.

Reversible Ratchet



The design of this Chrome Alloy Ratchet makes it the most versatile and time saving tool on the market. Light thumb pressure will instantly reverse ratchet action. Fully drop forged 10¼" long. Adaptor in head has both female and male ends.

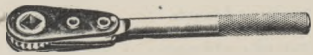
No. 678D — Reversible Ratchet Handle.....Price $4.90
Weight 1¼ lbs.



The same Ratchet Handle as described above; without the reversible feature and with ½" square opening through the driving head.

No. 677D — Ratchet Handle.....Price $3.80
Weight 1¼ lbs.

Open Type Spring Action Ratchet



A Carbon Alloy Steel Ratchet of exceptional strength. Forged and tempered handle, heavily plated and polished. Carefully heat treated and hardened pawl and gear. 10" long.

No. 670P — Open Type Ratchet.....Price $1.35
Weight 1 lb.

Slide "T" Handle

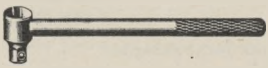
The Slide Head Offset Handle is one of the most convenient tools in a mechanic's kit.



Spring friction ball in head holds it in any position.

No. 663D — Slide "T" Handle.....Price $1.70
Weight 1 lb.

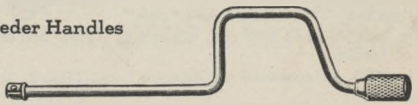
Offset Handle



Solid Head Offset Handle is a powerful all purpose tool. 10" overall.

No. 662D — Solid Head Offset Handle.....Price $2.10
Weight 1 lb.

Speeder Handles



A knurled handle on this Speeder gives it a slip-proof, convenient grip. 18" overall, 8" sweep, ½" square shank with friction ball.

No. 651DK — Long Speeder Handle.....Price $1.50
Weight 1¾ lbs.

Same as above except 12" overall

No. 652D — Short Speeder Handle.....Price $2.10
Weight 1½ lbs.

No. 652DK — Short Speeder Handle.....Price $1.40
Weight 1¼ lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

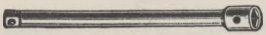
DURO-CHROME Fittings

½" Square Drive

Extension Adaptors



No. 689D



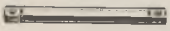
No. 688D



No. 664D



No. 582D



No. 686D



No. 692D



No. 1302D



No. 4293

These Adaptors can be used with all of the Handles illustrated. The Reducing and Increasing Adaptors also make it very convenient to use "Cub" or Heavy Duty Sockets.

No. 582D — 3" Extension Adaptor . . . . . Price $1.00
Weight 4 oz.

No. 664D — 6" Extension Adaptor . . . . . Price $1.10
Weight 8 oz.

No. 665D — 10" Extension Adaptor . . . . . Price $1.25
Weight 12 oz.

No. 688D — 18" Extension Adaptor . . . . . Price $1.85
Weight 1½ lbs.

No. 689D — 24" Extension Adaptor . . . . . Price $2.15
Weight 2 lbs.

No. 686D — 6" Extension with 2 Friction Balls . . . . . Price $0.80
Weight ¾ lb.

No. 693D — ½"x ⅜" Reducing Adaptor . . . . . Price $0.80
Weight 1 oz.

No. 4293 — ½"x ¾" Increasing Adaptor . . . . . Price $1.20
Weight 1 oz.

No. 692D — ½" Square Short Adaptor . . . . . Price $0.45
Weight 1¼ oz.

No. 1302D — ½" Square Screw Driver Adaptor . . . . . Price $0.65
Weight 1½ oz.

Universal Joint Adaptor



An extremely strong, 3 piece Universal Joint Adaptor with special spring friction radius regulator that will hold either end at any angle. The male and female ends are designed to be used with standard ½" square fittings and handles.

No. 588D — Universal Joint Adaptor . . . . . Price $2.00
Weight 6 oz.

Universal Joint



The construction of this three piece Universal is such as to give maximum strength and utility. Designed to be used with standard ½" square fittings and handles.

No. 696D — Special Alloy Universal Joint . . Price $1.20
Weight 6 oz.



Reducing and Increasing Adaptors

These Adaptors permit the use of various Handles and Fittings with a variety of other Sockets and Fittings of another series.

No.	Female	Male	Price
481	¼" Square	⅜" Square	$0.95
482	⅜" "	½" "	.95
483	½" "	⅝" "	1.30
484	⅝" "	¾" "	1.95
491	⅜" "	¼" "	.95
492	½" "	⅜" "	.95
493	¾" "	½" "	1.30
494	1" "	¾" "	2.50

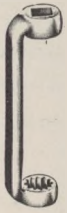
Extension Offsets

When using Torque Measuring Wrench No. 8099 as shown on opposite page, it is quite necessary to use these Sweep Extensions when this Wrench is used on Buick and Chevrolet cars. Made from Chrome Vanadium Steel, heat treated, tempered, hardened, triple plated with polished heads. Average weight 9 oz.



Wide Type

Sweep Attachments



Close Type

No.	Description	For Cars	Price
2181	⅝" Wide Sweep	Buick	$2.50
2182	⅝" Close Sweep	Buick	2.30
2183	¾" Wide Sweep	Chevrolet	2.40
2184	¾" Close Sweep	Chevrolet	2.20

Drain Plug Sockets

Carefully machined from Chrome Vanadium Steel, heat treated. Attractive finish with polished ends. ½" square drive ends.



No.	Size	Price
1310	5/16"	$0.60
*1311A	3/8"*	.60
1312	3/8"	.60
**1313A	13/32"**	.60
1314	7/16"	.60
1316	½"	.60
1318	9/16"	.60
1320	5/8"	.60
1322	11/16"	.65
1324	¾"	.65

*For Hudson-Essex prior to 1932.
**Hexagon for Hudson-Essex 1932.

DURO-CHROME
Tension Indicating Wrench

The necessity of a convenient, popular priced wrench for measuring torques has developed so fast that most mechanics have been compelled to use rather clumsy tools for this work. The Duro-Chrome Tension Measuring Wrench fills the need from all angles: convenience, accuracy, simplicity and very reasonably priced.

Simple — Streamlined — Convenient

The picture tells this story so completely it is hardly necessary to go into details. Needless to say, the simplicity and convenience of this design and the light weight are immediately appreciated by any mechanic.

Accurate

Realizing that a tool of this type would have little if any value unless it was accurate, great care has been used in the design and construction to assure accuracy, which tests to within 2% and is guaranteed to be within 5%. A drop of oil or a speck of grit will not affect its accuracy.

Easy to Use

The head is small enough to get into restricted places. The SLIDE MARKER over the scale is adjusted to the proper point and after that it is only necessary to watch the pointer and the marker which can be easily done from practically any position.

Many Applications

While pulling up cylinder heads to a uniform tension is one of the most important uses of this tool, yet most car manufacturers are now strongly recommending that they be used on clutch assemblies, brake drums, connecting rods and spark plugs.

Saves Repair Failures

Many "Repair Failures" can be avoided by the proper application of the Duro-Chrome Tension Indicating Wrench. Such "comebacks" can be both expensive as well as quite annoying.



A Necessity for High Compression Motors

In the motors now being made and those made for the past few years weight has been reduced by making lighter walls and in many instances using aluminum heads. These blocks can be easily distorted by improper torques or tensions which will cause cylinder walls to pull out of shape, valve seats to warp and gasket failure. The assembly lines in all car factories are now using Tension Indicating Wrenches to prevent these failures and to assure performance.

Fully Guaranteed

Every Wrench Tested for Accuracy

In the production of Duro-Chrome Tension Indicating Wrenches every Wrench is thoroughly tested and the torques are actually weighed on an accurate balance scale to insure accuracy and uniformity at all scale readings. Every Wrench must test to within 2% of scale accuracy before it can be shipped.

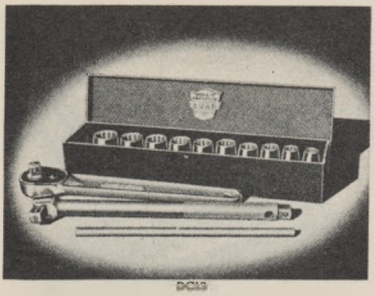
Full Instructions

Packed with each Wrench is a chart covering all popular cars and full instructions and suggestions for using. The comfortable handle and scale base are heavy polished aluminum, the torque bar, pointer and head are High Alloy Steel, tempered and heat treated. Triple plated, polished head, satin finish body. Packed in individual carton.

No. 8099 — DURO-CHROME Tension Indicating Wrench ..... Price $7.50★
Weight 1¼ lbs.

★NOTE: The price shown is net. No discount from this price to dealers or mechanics.

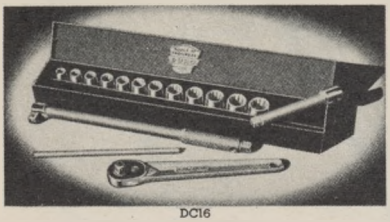
MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS



DC13

CONTENTS

Reversible Ratchet
11 ½" Swing Head Handle
Cross Bar
⅜" Hexagon Socket
½" Hexagon Socket
⅝" Hexagon Socket
11/16" Hexagon Socket
¾" Hexagon Socket
13/16" Hexagon Socket
⅞" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
1 1/16" Hexagon Socket
1 1/8" Hexagon Socket



DC16

CONTENTS

Reversible Ratchet
15 ½" Swing Head Handle
Cross Bar
6" Extension Adaptor
⅜" Hexagon Socket
½" Hexagon Socket
⅝" Hexagon Socket
11/16" Hexagon Socket
¾" Hexagon Socket
13/16" Hexagon Socket
⅞" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
1 1/16" Hexagon Socket
1 1/8" Hexagon Socket

DURO-CHROME

Socket Wrench Sets

½" Square Drive

Duro "Hot-Broached" Sockets used in these sets give extra reserve strength and increased safety factor. In the sets listed on this page and the following pages will be found sets for all purposes. Made from Chrome Vanadium Steel with typical Duro-Chrome finish.

13 Piece Set

As illustrated is a very desirable combination of Fittings and Sockets.

No. DC13—13 Piece Duro-Chrome Set.....**Price $16.00**
Weight 6½ lbs.

12 Piece Set

This is identical with the 13 Piece Set with the exception of the Ratchet which is not included.

No. DC12 — 12 Piece Duro-Chrome Set.....**Price $11.00**
Weight 5½ lbs.

Straight Wall and Tapered Socket Sets

In the four sets listed below is offered a choice of either "Straight Wall Sockets" or the "Long Tapered Wall Sockets" with the additional choice of either with or without a Ratchet.

The combination of Fittings and Sockets in these sets is outstanding for utility and service, taking care of practically everything on a car except the very largest bolts or nuts.

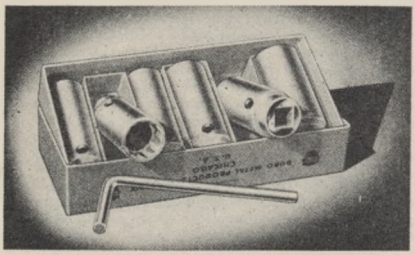
No. DC1116 — 16 Piece Straight Wall Socket Set with Ratchet.....**Price $19.80**
Weight 8 lbs.

No. DC1115 — 15 Piece Straight Wall Socket Set (no Ratchet).....**Price $15.00**
Weight 7¼ lbs.

No. DC16 — 16 Piece Tapered Wall Socket Set with Ratchet.....**Price $19.80**
Weight 9 lbs.

No. DC15 — 15 Piece Tapered Wall Socket Set (no Ratchet).....**Price $15.00**
Weight 7½ lbs.

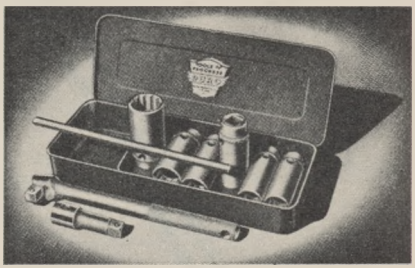
SPARK PLUG SOCKET SETS



This set of Extra Deep Sockets with ½" square drive and cross hole for bar contains sizes 13/16", 7/8", 15/16", 1" and 1 1/16" and fits all standard Spark Plugs up to 1939 models including 10 mm. Includes L-shaped Cross Bar Handle. In display carton.

No. 1406 — Spark Plug Socket Set.....**Price $8.10**
Weight 3 lbs.

No. 1405 — Same set as above without 13/16" Socket.....**Price $6.60**
Weight 2¾ lbs.



This Spark Plug Set has Extra Deep Sockets sizes 13/16", 15/16", 23/32", 29/32", 1" and 1 1/16" as well as 9½" Swing Head Handle with Cross-Bar and 3" Adaptor. Fits all standard Spark Plugs including 10 mm. In metal box.

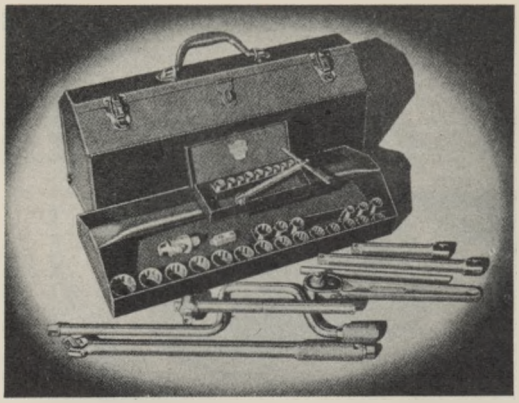
No. 1409 — Spark Plug Socket Set.....**Price $12.85**
Weight 6¼ lbs.

"Hot-Broached" (Patented) Sockets Are Better

DURO-CHROME

Socket Sets

39 Piece Socket Set in "Tote" Tray Chest



Complete in every detail, with socket openings from ¼" to 1¼". Full assortment of Fittings. Made from Chrome Vanadium Steel with typical Duro-Chrome finish.

Heavy gauge tool box 19"x 7"x 8½" with full piano hinges, heavy hardware and reinforced corners.

Heavy gauge "Tote" tray that fits snugly into top of tool chest.

Ample room beneath tray for many additional tools.

CONTENTS

MIDGET ¼" SQUARE DRIVE

- Swing Head Handle
- Cross Bar
- ¼" Hexagon Socket
- 5/16" Hexagon Socket
- 3/8" Hexagon Socket
- 7/16" Hexagon Socket
- ½" Hexagon Socket
- 9/16" Hexagon Socket
- ¼" Square Socket
- 5/16" Square Socket
- 3/8" Square Socket

- Reversible Ratchet
- Long Speeder
- 18" Swing Head Handle
- Cross Bar
- Slide "T" Handle
- 10" Extension Adaptor
- 6" Extension Adaptor
- Screw Driver Adaptor
- Universal Joint Adaptor

"HOT-BROACHED" SOCKETS ½" SQUARE DRIVE

- 7/16" Hexagon
- ½" Hexagon
- 9/16" Hexagon
- 11/16" Hexagon
- ¾" Hexagon
- 13/16" Hexagon
- 7/8" Hexagon
- 15/16" Hexagon

- ⅞" Hexagon
- 1" Hexagon
- 1 1/16" Hexagon
- 1 1/8" Hexagon
- 1 1/4" Hexagon
- ½" Square
- 9/16" Square
- 5/8" Square

No. DC39 — 39 Piece Duro-Chrome Socket Set in Chest ..... **Price $47.00**
Weight 28 lbs.

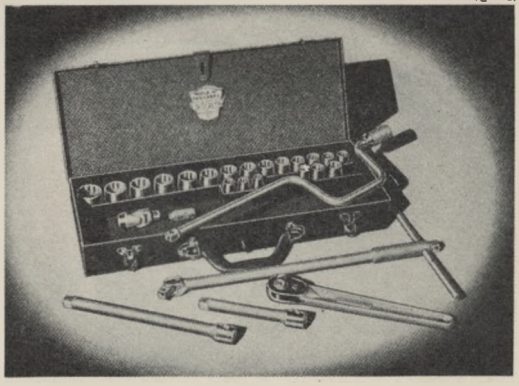
Tool Chest Only

The heavy gauge chest illustrated above is 19"x 7"x 8½" and has full piano hinges, heavy handle, reinforced corners, nickel plated clasps, hasp for padlock and a heavy gauge removable "Tote" tray. Baked gray enameled finish.

No. 803A — Tool Chest with "Tote" Tray ..... **Price $8.50**
Weight 12¾ lbs.

28 Piece Socket Set

Long Speeder, Long Swing Head Handle, and the other Fittings, all standard ½" square drive make possible the many combinations so as to meet nearly every requirement. Made from Chrome Vanadium Steel with typical Duro-Chrome finish. Heavy metal box 19"x 7"x 2½".



CONTENTS

- Reversible Ratchet
- Long Speeder
- 18" Swing Head Handle
- Cross Bar
- 10" Extension Adaptor
- 6" Extension Adaptor
- Screw Driver Adaptor
- Universal Joint Adaptor

Duro-Chrome "Hot-Broached" Sockets

- 7/16" Hexagon
- ½" Hexagon
- 9/16" Hexagon
- 11/16" Hexagon
- ¾" Hexagon
- 5/8" Hexagon
- 13/16" Hexagon
- ¾" Hexagon
- 15/16" Hexagon
- 1" Hexagon
- 1 1/16" Hexagon
- 1 1/8" Hexagon
- 1 1/4" Hexagon
- ½" Square
- 9/16" Square
- 5/8" Square

No. DC28 — 28 Piece Duro-Chrome Socket Set ..... **Price $36.40**
Weight 18¼ lbs.

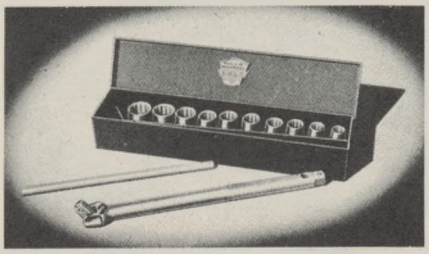
"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Chrome Vanadium Steel Socket Wrench Sets

½" Square Drive

Chrome Vanadium Steel is considered by many engineers one of the most desirable materials where strength, durability and utility are desired. This steel combines tensile strength and hardness to such a degree that it is used largely where unusual strains and conditions are encountered, yet it has elastic limits and lack of fatigue that makes it very desirable for tools and Wrenches especially when cut down to the thin walls in Sockets. "Hot-Broached" (Patented) Sockets used throughout.

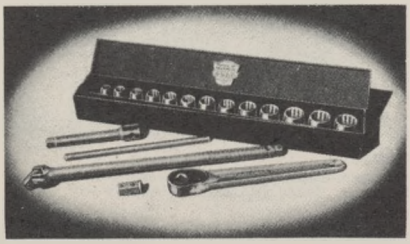


12 Piece Set

- 11½" Swing Head Handle
- Cross Bar
- 7/8" Hexagon Socket
- ½" Hexagon Socket
- 9/16" Hexagon Socket
- 11/16" Hexagon Socket
- 5/8" Hexagon Socket
- 3/4" Hexagon Socket
- 13/16" Hexagon Socket
- 15/16" Hexagon Socket

No. CVS12 — 12 Piece Chrome Vanadium Steel Socket Set ..... **Price $9.30**

Weight 6 lbs.



18 Piece Set

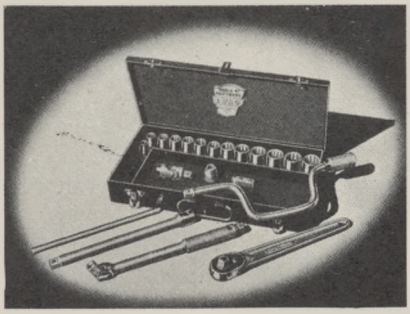
- Ratchet
- Adaptor
- 15½" Swing Head Handle
- Cross Bar
- 6" Extension Adaptor
- 7/8" Hexagon Socket
- ½" Hexagon Socket
- 9/16" Hexagon Socket
- 5/8" Hexagon Socket
- 21/32" Hexagon Socket
- 11/16" Hexagon Socket
- 3/4" Hexagon Socket
- 23/32" Hexagon Socket
- 13/16" Hexagon Socket
- 7/8" Hexagon Socket
- 15/16" Hexagon Socket
- 1" Hexagon Socket

No. CVS18 — 18 Piece Chrome Vanadium Steel Socket Set ..... **Price $16.40**

Weight 9 lbs.

No. CVS16 — 16 Piece Set same as above less Ratchet and Adaptor ..... **Price $13.00**

Weight 7½ lbs.



21 Piece Set

A fine assortment in heavy gauge, baked gray enameled metal box 14"x 7"x 2".

CONTENTS

- Reversible Ratchet
- Short Speeder
- 11½" Swing Head Handle
- Cross Bar
- 10" Extension Adaptor
- Screw Driver Adaptor
- Universal Joint Adaptor
- Alemite Socket

- 7/16" Hexagon Socket
- ½" Hexagon Socket
- 9/16" Hexagon Socket
- 11/16" Hexagon Socket
- 5/8" Hexagon Socket
- 21/32" Hexagon Socket
- 3/4" Hexagon Socket
- 23/32" Hexagon Socket
- 13/16" Hexagon Socket
- 15/16" Hexagon Socket
- 1" Hexagon Socket

No. CVS21 — 21 Piece Chrome Vanadium Steel Socket Set ..... **Price $23.40**

No. CVS21R — Same as No. CVS21 except with Ratchet No. 670P as shown on page 23 ..... **Price $20.30**

Weight 12 lbs.

"Hot-Broached" (Patented) Sockets Are Better

37 Piece Chrome Vanadium Steel Socket Set

in "Tote" Tray Chest

A complete range of Midget and ¼" square drive Sockets and Fittings in heavy tool box with removable tray, size 18½"x 5¾"x 6". Baked gray enameled finish.



CONTENTS

MIDGET ¼" SQUARE DRIVE

Swing Head Handle
Cross Bar
¼" Hexagon Socket
5/32" Hexagon Socket
3/16" Hexagon Socket
7/32" Hexagon Socket
¼" Hexagon Socket
9/32" Hexagon Socket
5/16" Hexagon Socket
11/32" Hexagon Socket
3/8" Hexagon Socket
7/16" Hexagon Socket
3/8" Square Socket
7/16" Square Socket
5/32" Square Socket
¼" Square Socket
5/16" Square Socket
3/8" Square Socket

Standard ½" Square Fittings

Ratchet
Long Speeder
15½" Swing Head Handle
Cross Bar
6" Extension Adaptor
3" Extension Adaptor
Screw Driver Adaptor
Universal Joint Adaptor

Standard ½" "Hot-Broached" Sockets

½" Hexagon
9/16" Hexagon
5/8" Hexagon
11/16" Hexagon
¾" Hexagon
13/16" Hexagon
7/8" Hexagon
15/16" Hexagon
1" Hexagon
1 1/16" Hexagon
1¼" Hexagon
1 7/16" Square
9/16" Square
5/8" Square

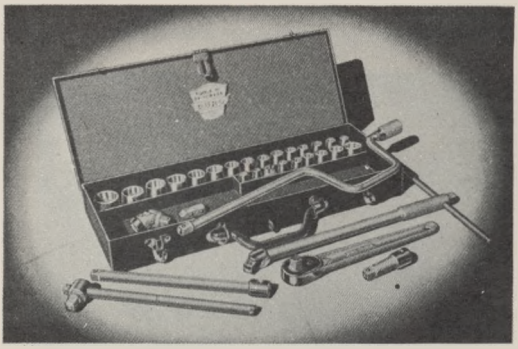
No. CVS37 — 37 Piece Chrome Vanadium Steel Socket Set ..... **Price $35.00**
Weight 18½ lbs.

No. 804 — "Tote" Tray Tool Box only. Size 18½"x 5¾"x 6" ..... **Price $5.50**
Weight Box Only, 7¼ lbs.

33 Piece Chrome Vanadium Steel Socket Set

½" Square Drive

A very complete assortment in heavy steel box 19"x 7"x 2½" with heavy handle, hasp and catches. Baked gray enameled finish.



CONTENTS

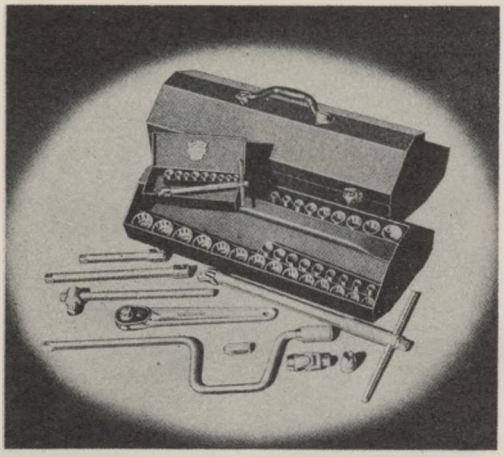
Reversible Ratchet
Long Speeder
15½" Swing Head Handle
Cross Bar
Slide "T" Handle
10" Extension Adaptor
3" Extension Adaptor
Screw Driver Adaptor
Universal Joint Adaptor
Alemite Socket

5/16" Hexagon Socket
3/8" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
5/8" Hexagon Socket
11/16" Hexagon Socket
¾" Hexagon Socket
13/16" Hexagon Socket
7/8" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
1 1/16" Hexagon Socket
1¼" Hexagon Socket
7/16" Square Socket
½" Square Socket
9/16" Square Socket
5/8" Square Socket
¾" Square Socket

No. CVS33 — 33 Piece Chrome Vanadium Steel Socket Set ..... **Price $35.80**
Weight 18½ lbs.

"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS



Chrome Vanadium Steel Socket Set in "Tote" Tray Tool Box

The two sets listed below are identical except the 42 piece Set does not include the ten piece Midget Set. The tool box is made of heavy gauge steel, full piano hinged, reinforced corners, hasp for padlock, baked gray enameled finish. Size 19½"x 7½"x 5½". "Tote" tray fits snugly in top of box.

52 Piece Set

MIDGET ¼" SQUARE DRIVE
Swing Head Handle
Cross Bar
¼" Hexagon Socket
5/16" Hexagon Socket
⅜" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
⅝" Hexagon Socket
11/16" Hexagon Socket
¾" Square Socket
⅜" Square Socket
½" Square Socket

STANDARD ½" SQUARE FITTINGS
Reversible Ratchet
Long Speeder
15½" Swing Head Handle
Cross Bar
Slide "T" Handle
10" Extension Adaptor
6" Extension Adaptor
Screw Driver Adaptor
Universal Joint Adaptor
Alemite Socket

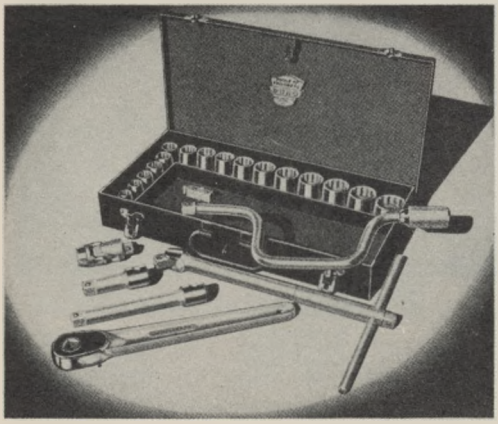
STANDARD ½" "HOT-BROACHED" SOCKETS

½" Hexagon	11/16" Hexagon	1¼" Hexagon
9/16" Hexagon	¾" Hexagon	5/8" Square
⅝" Hexagon	13/16" Hexagon	¾" Square
11/16" Hexagon	⅞" Hexagon	⅞" Square
¾" Hexagon	15/16" Hexagon	1" Square
13/16" Hexagon	1" Hexagon	1⅛" Square
⅞" Hexagon	1⅛" Hexagon	1¼" Square
15/16" Hexagon	1¼" Hexagon	⅜" Square
1" Hexagon	1⅜" Hexagon	

No. CVS52 — 52 Piece Chrome Vanadium Steel Socket Set in "Tote" Tray Tool Box. . . . . Price $48.50
Weight 26 lbs.

No. CVS42 — 42 Piece Chrome Vanadium Steel Socket Set in "Tote" Tray Tool Box (Midget Set not included). . . . . Price $44.20
Weight 25 lbs.

No. 803B — "Tote" Tray Tool Box Only, Size 19½"x 7½"x 5½". . . . . Price $10.00
Weight Box only 9½ lbs.



24 Piece Chrome Vanadium Steel Socket Set

½" Square Drive

A set with Universal Joint, Ratchet and Speeder, as well as popular sized Sockets in heavy baked gray enameled box 14"x 7"x 2".

CONTENTS

Ratchet
Short Speeder
11½" Swing Head Handle
Cross Bar
½" Hexagon Socket
9/16" Hexagon Socket
⅝" Hexagon Socket
11/16" Hexagon Socket
¾" Hexagon Socket
13/16" Hexagon Socket
⅞" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
6" Extension Adaptor
3" Extension Adaptor
Screw Driver Adaptor
Universal Joint Adaptor
13/16" Hexagon Socket
⅞" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
1⅛" Hexagon Socket
1¼" Hexagon Socket

No. CVS24 — 24 Piece Chrome Vanadium Steel Socket Set. . . . . Price $25.00
Weight 12¾ lbs.

"Hot-Broached" (Patented) Sockets Are Better

DURO-CHROME 47 Piece Junior Duro-Chest

Many of the superior features of the Senior Duro-Chest are retained in this smaller, though efficiently complete assortment of 47 tools.

Full set of Midget tools for the finer work, Standard Sockets and Attachments as well as a full set of Open End Wrenches for general all-around repair work. For extra convenience and efficiency a set of 3 Short 45° Box End Wrenches is included. Made from Chrome Vanadium Steel, triple plated and polished.

The contents of the 19½"x 7¼"x 7¼" Chest are as follows:—



Standard Series— ½" Sq. Drive

⅜" Long Tapered Thin Nose Socket
7/16" Long Tapered Thin Nose Socket
½" Long Tapered Thin Nose Socket
9/16" Long Tapered Thin Nose Socket
⅝" Long Tapered Thin Nose Socket
11/16" Long Tapered Thin Nose Socket
¾" Long Tapered Thin Nose Socket
13/16" Long Tapered Thin Nose Socket
⅞" Long Tapered Thin Nose Socket
15/16" Long Tapered Thin Nose Socket
1" Long Tapered Thin Nose Socket
1 1/16" Long Tapered Thin Nose Socket
1⅛" Long Tapered Thin Nose Socket
1 3/16" Long Tapered Thin Nose Socket
1¼" Long Tapered Thin Nose Socket
½" Square Long Tapered Thin Nose Socket
⅝" Square Long Tapered Thin Nose Socket
¾" Square Long Tapered Thin Nose Socket
Reversible Ratchet
11½" Swing Head Handle
9" Cross Bar
Universal Joint Adaptor
Extension Adaptor
Screw Driver Adaptor
6" Extension Adaptor
18" Speeder Handle

Midget Series — ¼" Square Drive

¼" Hexagon Socket
5/16" Hexagon Socket
⅜" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
¼" Square Socket
⅜" Square Socket
½" Square Socket
Swing Head Handle with Cross Bar

Box End and Open End Wrenches

3/16"x 7/32" Open End Wrench
¼"x 5/16" Open End Wrench
11/32"x 3/8" Open End Wrench
7/16"x 15/32" Open End Wrench
½"x 9/16" Open End Wrench
11/16"x 3/4" Open End Wrench
⅞"x 1" Open End Wrench
3/16"x ¼" Short 45° Double Offset Box Wrench
5/16"x 3/8" Short 45° Double Offset Box Wrench
7/16"x ½" Short 45° Double Offset Box Wrench

No. JC47 — Junior Duro-Chest, Complete with 47 Tools ..... **Price $59.10**
Weight Complete 28 lbs.

No. 802 — Chest only ..... **Price $11.00**
Weight Chest only 11¾ lbs.

DURO-CHROME 18 Piece Socket Set

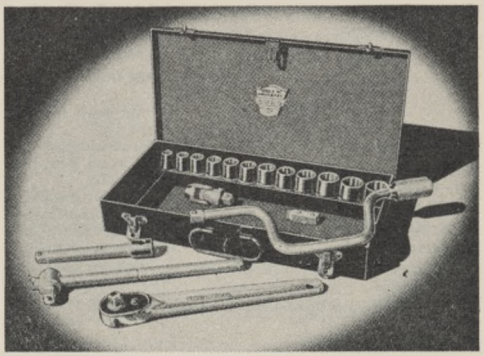
This set offers a carefully selected assortment of popular Sockets and Fittings that will make up the largest variety of useful combinations. The heavy metal box, size 14"x 7"x 2", has both a hasp and a handle and is finished in an attractive as well as durable gray baked enamel.

CONTENTS

Reversible Ratchet
Short Speeder
Slide "T" Handle
6" Extension Adaptor
Screw Driver Adaptor
Universal Joint Adaptor

HEXAGON SOCKETS

7/16"	5/8"	3/4"	7/8"
1/2"	11/16"	13/16"	1"
9/16"	11/16"	15/16"	

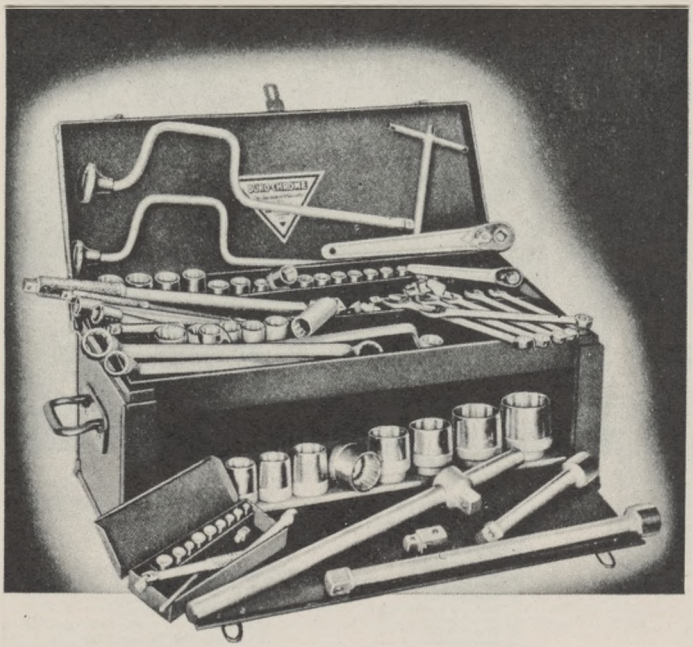


No. DC18 — 18 Piece Duro-Chrome Socket Set ..... **Price $24.00**
Weight 11 lbs.

"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME 78 Piece Senior Chest



These 78 tools have been chosen to give the mechanic the last word in utility for servicing practically everything from the finest work on ignition systems, generators, radios, etc., to general automobile and aeroplane repair work including heavy duty work on trucks, busses, tractors, farm and road machinery as well as for industrial uses.

Roller skids under the box allow easy moving. Removable tray and hinged front panel permit ready access. The contents of the 23"x 8¾"x 10¼" Chest is as follows:

MIDGET SERIES—¼" SQ. DRIVE

Description

Hexagon Sockets

¼", 9/32", 5/16", 11/32", 3/8", 7/16"

Square Sockets

¼", 5/16", 3/8"

Swing Head Handle with Cross Bar
6" Extension Adaptor

"CUB" SERIES — 3/8" SQ. DRIVE

Description

Hexagon Sockets

3/8", 7/16", ½", 9/16", 5/8"

4½" Extension Adaptor
9" Extension Adaptor
¼"x 3/8" Reducing Adaptor
5½" Cross Bar
Swing Head Handle
16" Speeder Handle
Reversible Ratchet
Universal Joint

STANDARD SERIES
½" SQ. DRIVE

Description

Straight, Thin Wall Sockets

7/16", ½", 9/16", 11/32", 5/8", 11/16", 3/4", 13/16", 7/8"

Long Tapered Sockets

5/16", 7/16", 9/16", 11/32", 1"

Square: ½", 9/16", 5/8"

9/16" Extra Thin Nose Socket for V8 Ford Connecting Rods.

Extra Deep Thin Wall Spark Plug Sockets

13/32" (14 mm.), 7/16", 23/32" (18 mm.), 5/8", 1" and 1 1/16"

Reversible Ratchet
15½" Swing Head Handle
9" Cross Bar
18" Speeder Handle
Universal Joint Adaptor
Screw Driver Adaptor
6" Extension Adaptor
10" Extension Adaptor
3/8"x½" Reducing Adaptor

HEAVY DUTY SERIES
¾" SQ. DRIVE

Description

Hexagon Sockets

1 1/16", 1⅛", 1¼", 1 3/8", 1 7/16", 1½", 1¾", 1 15/16"

Slide "T" Handle
8" Extension Adaptor
16" Extension Adaptor
½"x ¾" Reducing Adaptor

BOX END AND OPEN END WRENCHES

Description

Combination Box and Open End Wrenches

3/8", 7/16", ½", 9/16", 5/8", 11/16"

¾"x 13/16" Regular Long 45° Double Offset Box Wrench
5/8"x 7/8" Regular Long 45° Double Offset Box Wrench
15/16"x 1" Regular Long 45° Double Offset Box Wrench

No. SC78 — Senior Duro-Chest, Complete with 78 Tools ..... **Price $126.50**
Weight 65 lbs.

No. 801 — Chest Only ..... **Price $25.00**
Weight Chest only 26½ lbs.

"Hot-Broached" (Patented) Sockets Are Better

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

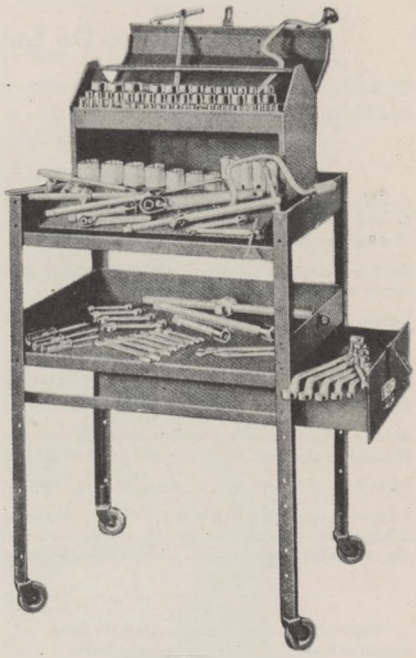
110 Piece De Luxe Workshop Outfit

The last word in efficiency in Service Tools.

Combines modern tools of a complete range with safe lock-up chest and roll-away Full View Tool Tender for convenient work at car's side.

Priced low enough to come within reach of any mechanic of average income who appreciates advantages of faster work with dependable tools.

Chrome Vanadium Steel and typical Duro-Chrome satin-nickel finish used throughout. A striking array of polished tools that you will be proud to use as a valuable sales argument for neatness and efficiency.



CONTENTS

Miscellaneous Tools

Forged Open End Wrenches

5/16" x 3/8" — 7/16" x 1/2"
9/16" x 5/8" — 11/16" x 3/4"
13/16" x 7/8" — 15/16" x 1"

Long 45° Offset Box Wrenches

3/8" x 7/16" — 1/2" x 9/16" — 5/8" x 11/16" — 3/4" x 13/16"
7/8" x 15/16" — 1" x 1 1/16" — 1 1/8" x 1 1/4"

DuroLite Screw Drivers

1/8" x 1 1/2" — 5/16" x 4"
1/8" x 3" — 1/4" x 6"

Short 15° Offset Box Wrenches

3/8" x 7/16" — 5/8" x 11/16"
1/2" x 9/16" — 3/4" x 13/16"

General Utility Water Pump Plier 9" Long

Standard 1/2" Square Drive

Reversible Ratchet
Universal Joint
18" Speeder Handle
10" Slide "T" Handle
9 1/2" Swing Head Handle
9" Cross Bar
6" Extension Adaptor
10" Extension Adaptor
1/2" x 3/4" Increasing Adaptor
Ford V8—Special 5/8" Socket

Hexagon Sockets

5/16" — 3/8" — 7/16" — 1/2" — 9/16" — 5/8" — 11/16" — 3/4" — 13/16" — 7/8" — 15/16" — 1" — 1 1/16" — 1 1/8" — 1 1/4"

Square Sockets

7/16" — 1/2" — 9/16" — 5/8" — 11/16" — 3/4" — 7/8"

Deep Wall Spark Plug Sockets

13/16" — 15/16" — 17/32" — 21/32" — 1"

L Handle

Heavy Duty 3/4" Square Drive

18" Slide "T" Handle
8" Extension Adaptor
16" Extension Adaptor

Hexagon Sockets

1 1/16" — 1 1/4" — 1 7/16" — 1 5/8"
1 5/8" — 1 3/8" — 1 1/2"

Midget 1/4" Square Drive

Swing Head Handle — Cross Bar
Reversible Ratchet — 1/4" x 3/8" Increasing Adaptor

Hexagon Sockets

5/16", 11/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16"

Square Sockets

3/16", 11/32", 1/4", 5/16", 3/8"

"Cub" 3/8" Square Drive

10" Swing Head Handle
5 1/2" Cross Bar
16" Speeder Handle
8" Slide "T" Handle
4 1/2" Extension Adaptor
9" Extension Adaptor
3/8" x 1/2" Increasing Adaptor

Hexagon Sockets

3/8", 7/16", 1/2", 9/16", 5/8"

Square Sockets

3/8", 7/16", 1/2"

No. DWR110 — 110 Piece De Luxe Workshop Outfit including 20"x 15"x 12" Steel Chest and Heavy Roll-away Steel Stand with Drawers as described on page 35 ..... Price $139.10
Weight 123 lbs.

No. CVS110 — 110 Piece De Luxe Workshop Outfit in 20"x 15"x 12" Steel Chest, without Roll-away Stand, Price $114.10
Weight 67 lbs.

No. CVS74 — 74 Piece Master Chest, as above, less Midget Tools, Heavy Duty Tools and Box Wrenches ... Price $71.50
Weight 34 lbs.

"Hot-Broached" (Patented) Sockets are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

"The Cruiser"

124 Piece De Luxe Tool Cabinet Outfit

To meet a definite trend towards master sets of matched tools for all-around work on cars, Duro presents this De Luxe Set of 124 selected mechanic's tools.

Balanced Assortment of Matched Tools

Due to our wide manufacturing facilities we are in a position to offer the mechanic a balanced and matched assortment of tools to cover practically every need of repair work, which generally requires the resources of two or three different tool factories. This explains also the attractive price at which this set is offered to the trade.

Every tool in the set is designed and built by skilled mechanics, thoroughly aware of its strength and stress requirements and is fully protected by the liberal Duro guarantee.

Chrome Vanadium or selected Alloy Steels used throughout. All tools carefully heat treated, hardened and tempered.

De Luxe Tool Tender Cabinet

Again we have followed the popular trend by offering a cabinet of the Roll-Away type for car side work.

Built for rugged, heavy duty service; extra heavy 16 gauge steel in places where special strength demands it, combined with 18 and 20 gauge steel, where the extra heavy metal is not necessary. Strong 2½" Steel Bassick Casters for easy rolling.

36½" high, 18" deep, and 24" wide. The 20"x 18"x 3½" drawer has adjustable partitions and can be locked by padlock.

Of the two spacious compartments the lower one has self-closing spring door for keeping rags, clothing, etc., out of sight. Equipped with removable tool or valve rack as well as with handy 19"x 7"x 3" Tote Tray for carrying the most often used tools. The red baked enamel finish is both durable and attractive.

CONTENTS

¼" Square Drive

Swing Head Handle
Cross Bar
Reversible Ratchet
¼"x ⅜" Increasing Adaptor
5/16" Hexagon Socket
⅜" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
⅝" Square Socket
11/16" Square Socket
¾" Square Socket
13/16" Square Socket
⅞" Square Socket

⅜" Square Drive

10" Swing Head Handle
5½" Cross Bar
16" Speeder Handle
8" Slide "T" Handle
4½" Extension Adaptor
9" Extension Adaptor
⅜"x ½" Increasing Adaptor
⅜" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
⅝" Hexagon Socket
11/16" Square Socket
¾" Square Socket
13/16" Square Socket
⅞" Square Socket

½" Square Drive

Reversible Ratchet
Universal Joint
18" Speeder Handle
10" Slide "T" Handle
9½" Swing Head Handle
9" Cross Bar
6" Extension Adaptor
10" Extension Adaptor
½"x ¾" Increasing Adaptor
Ford V8-Special ⅜" Socket
⅜" Hexagon Socket
7/16" Hexagon Socket
½" Hexagon Socket
9/16" Hexagon Socket
⅝" Hexagon Socket
11/16" Hexagon Socket
¾" Hexagon Socket
13/16" Hexagon Socket
⅞" Hexagon Socket
15/16" Hexagon Socket
1" Hexagon Socket
1 1/16" Hexagon Socket
1 1/8" Hexagon Socket
1 3/16" Hexagon Socket
1¼" Hexagon Socket
⅜" Square Socket
7/16" Square Socket
½" Square Socket
9/16" Square Socket
⅝" Square Socket















⅝" Square Drive














¾"Square Drive

18" Slide "T" Handle
8" Extension Adaptor
16" Extension Adaptor
1 ⅛" Hexagon Socket
1 ⅛" Hexagon Socket
1 ⅛" Hexagon Socket
1 ⅜" Hexagon Socket
1 ⅜" Hexagon Socket
1 ½" Hexagon Socket
1 ½" Hexagon Socket

Miscellaneous Tools

Forged Open End Wrenches

Long 45° Offset Box Wrenches

DuroLite Screw Drivers

Short 15° Offset Box Wrenches

Flat Cold Chisels

Pin Punches

9" General Utility Water Pump Plier
1/32"x 4 1/32" Center Punch
8 oz. Drop Forged Ball Pein Hammer
1 lb. Drop Forged Ball Pein Hammer
1 1/2 lb. Drop Forged Ball Pein Hammer
Tote Tray

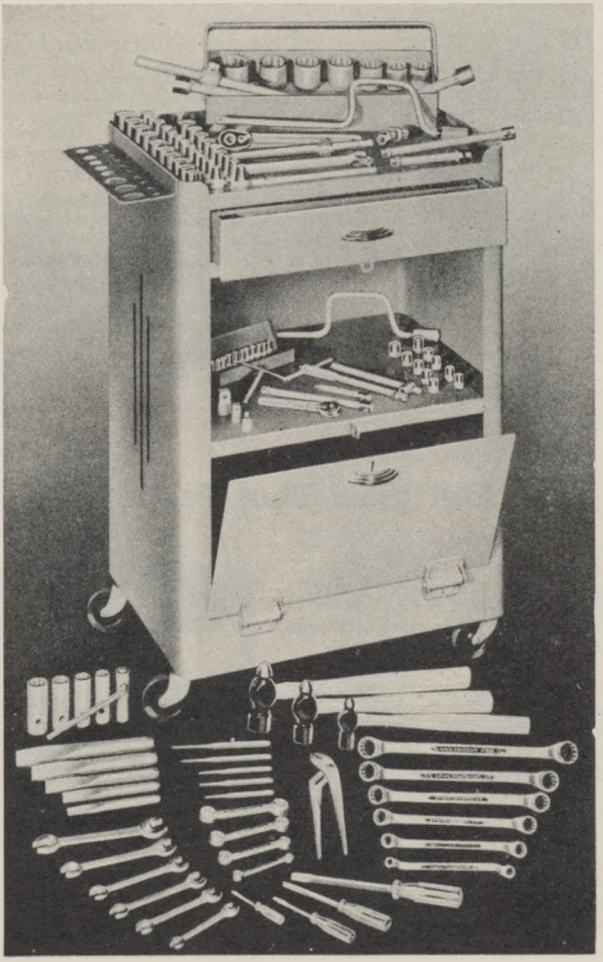
No. DWR124 — "THE CRUISER," 124 Piece De Luxe Tool Outfit including Tool Tender Cabinet..... Price $171.55
Weight 200 lbs.

No. 9907 — "Cruiser" Cabinet only..... Price $55.00
Weight 150 lbs.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

124 Piece De Luxe Tool Cabinet Outfit

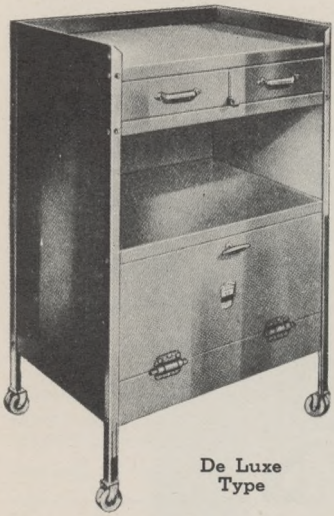
"The Cruiser"



FOR FULL SPECIFICATIONS AND PRICES SEE OPPOSITE PAGE
33

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

"Car Side" Mechanics Tool Tenders



De Luxe Type

Every Efficient Workman Should Have One

This type of Tool Tender with rollers has become so popular that neither the mechanic nor the shop is considered completely equipped unless they use them. The convenience and time-saving element alone will soon pay for them.

The De Luxe Tool Tender

The illustration at the left shows a design both for appearance and utility that is outstanding. The top, which is 24" wide and 18" deep, allows ample room for large tool chests, special tool, parts and other equipment. The two drawers, 3"x 11"x 18", have adjustable partitions for storing small tools and can be locked by means of one padlock.

There is also an open shelf where tools or equipment are readily accessible. Under the shelf is another large compartment with self-closing spring door which can be used for storage of tools, clothing or items not so frequently used.

Made of heavy gauge steel with heavy angle corner reinforcement. Equipped with large, easy rolling casters. Finished in durable olive green enamel. Dimension 34" high, 24" wide, 18" deep.

No. 9906—De Luxe "Car-Side" Tool Tender, Price $55.00
Weight 150 lbs.

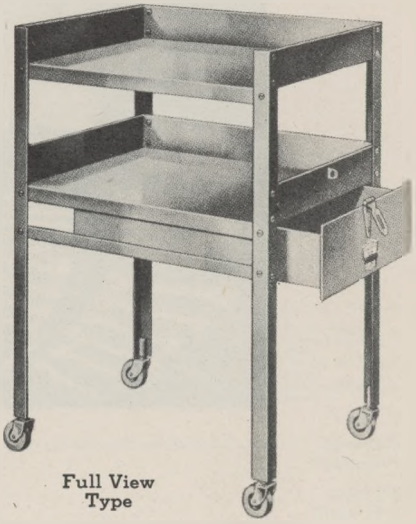
Full View Tool Tender

Many mechanics prefer this type of Tool Tender as illustrated on the right. It allows them full view from all sides and ready access to both shelves.

The top shelf is 24" wide and 18" deep and is open on one side. The second shelf is similar to the top one and the same size. The large drawer is fitted with hasp and staple so as to be securely locked with small padlock. Overall height 34".

The shelves and drawer are of heavy gauge steel which, together with the angle iron corners, makes a sturdy and substantial stand. The smooth olive green enamel finish is very easily cleaned. For convenience and economy the "Full View Tool Tender" is an outstanding value. Shipped knocked down, easily bolted together.

No. 9905—"Full View" Tool Tender, Price $25.00
Weight 85 lbs.



Full View Type

DURO-CHROME Heavy Duty Sockets and Fittings

¾" Square Drive

Heavy Duty "Hot-Broached" Sockets



These Duro-Chrome Sockets are outstanding in their design as well as workmanship, and are thoroughly appreciated by the mechanic or anyone else who knows good tools. Have recessed drive ends which prevent sockets from falling off of fittings. Heavily chrome plated.

Hexagon "12 Point" Sockets

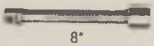
No.	Size	Weight Each	Price
4128	7/8"	4 oz.	$1.10
4130	15/16"	5 oz.	1.15
4131	1"	6 oz.	1.15
4132	1"	7 oz.	1.15
4134	1 1/16"	8 oz.	1.35
4136	1 1/8"	9 oz.	1.50
4138	1 3/16"	10 oz.	1.65
4140	1 1/4"	11 oz.	1.65
4142	1 5/16"	13 oz.	1.65
4144	1 3/8"	14 oz.	1.95
4146	1 7/16"	15 oz.	2.20
4148	1 1/2"	1 lb.	2.35
4150	1 9/16"	1 lb. 2 oz.	2.45
4152	1 5/8"	1 lb. 3 oz.	2.50
4154	1 11/16"	1 lb. 7 oz.	3.30
4156	1 3/4"	1 lb. 11 oz.	3.50
4158*	1 13/16"	1 lb. 14 oz.	3.90
4160	1 7/8"	2 1/4 lbs.	4.00
4164	2"	2 3/4 lbs.	4.70
4168**	2 1/16"	3 lbs.	5.83
4170‡	2 3/8"	3 1/4 lbs.	5.90

Square "8 Point" Sockets

4128S	7/8"	8 oz.	$2.90
4132S	1"	11 oz.	3.00
4134S	1 1/16"	12 oz.	3.10
4140S	1 1/4"	14 oz.	3.80
4146S	1 7/16"	1 lb.	5.30

*For Chev. 1½ ton Truck Axle Nuts, 1930-35.
**For Diamond T, GMC, Int. and White Truck Axle Nuts.
‡Used on many busses.

Heavy Duty Extensions

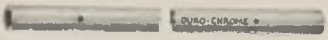

8"

Same type Combination Extension Adaptor as described below, only 8" long.
No. 4264 — 8" Extension Adaptor.....Price $2.60
Weight 1 lb., 3 oz.


16"

This Combination Extension Adaptor can be used with any of the other Handles illustrated on this page. Heavily chrome plated with polished ends.
No. 4265 — 16" Extension Adaptor.....Price $3.10
Weight 2 lbs.

Tubular Handles



No.	Length	Weight	Price
2241	18"	1¾ lbs.	$3.90
2242	24"	2¼ lbs.	4.55
2243	30"	4 lbs.	6.25

Heavy Duty Ratchet

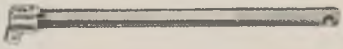


This Heavy Duty 18" Drop Forged Ratchet is made under our exclusive patents and construction is such that there are no rivets to shear and it will stand heavy use without damaging any part. Chrome plated finish with polished end. Furnished complete with plug as illustrated.

No. 4276 — Heavy Duty Ratchet.....Price $12.90
Weight 3½ lbs.

No. 4292 — Plug Only for Heavy Duty Ratchet.....Price $1.15
Weight 6 oz.

Heavy Duty Swing Head Handle



One of the most popular type Handles with the mechanic. 19" long. Chrome plated finish with polished ends.

No. 4266 — Heavy Duty Swing Head Handle.....Price $8.60
Weight 4½ lbs.

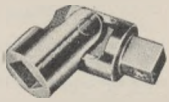
Heavy Duty Cross Bar



12" Cross Bar, designed to be used with Swing Head Handle illustrated above.

No. 4267 — Heavy Duty Cross Bar.....Price $1.40
Weight 14 oz.

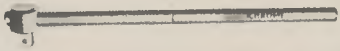
Heavy Duty Universal Joint



Will, on account of improved design, operate satisfactorily on a full 90° angle. A very desirable tool for "awkward jobs."

No. 4296 — Universal Joint Adaptor.....Price $9.50
Weight 1¼ lbs.

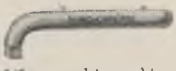
Heavy Duty Slide "T" Handle



This Handle is 18" long and offers a multitude of combinations with fittings and sockets so as to reach the most inaccessible places.

No. 4263 — Slide "T" Handle.....Price $3.80
Weight 3¼ lbs.

L Handle Adaptor



This Adaptor has ¾" square drive and is used in connection with Tubular Handles shown on the left.

No. 4231 — L Handle Adaptor.....Price $5.00
Weight 2 lbs.

"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Heavy Duty Socket Sets

¾" Square Drive

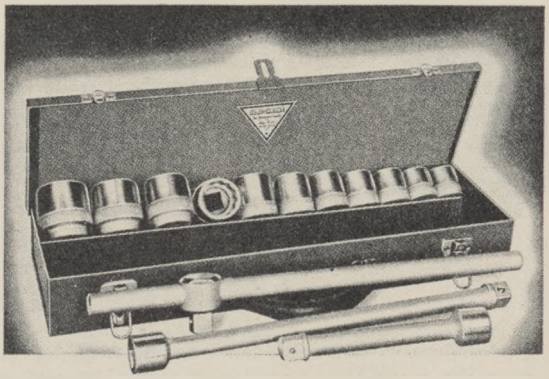
14 Piece Set

A thoroughly dependable set of tools specially designed and constructed for extreme heavy duty work. Indispensable for work on tractors, trucks, busses, farm and road machinery, in industrial and all heavy machinery plants.

All tools made of the same specially selected Chrome Alloy Steel that established DURO-CHROME tools as the products known for outstanding stamina under extreme strain and punishment. To assure positive hold on handles, sockets have lock-on feature.

Each tool Chrome plated in attractive duplex satin finish with highly polished ends. Packed in heavy gauge steel box, 20"x 2¾"x 6¼", baked gray enameled, with strong hasps and handle. Roomy enough for many additional tools, contents as follows:

18" Slide "T" Handle, 8" Extension Adaptor, 16" Extension Adaptor, ⅞", [illegible], 1", 1⅛", 1⅛", 1¼", 1⅜", 1⅜", 1½", 1⅝" Sockets.



No. HD14 — Heavy Duty Set ..... Price $33.20
Weight 23 lbs.

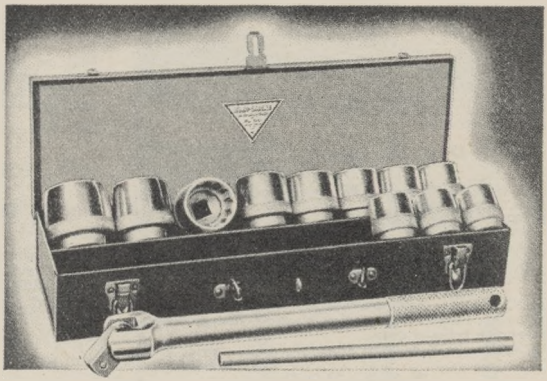
No. HD14F — Above 14 Piece Set in Fibre Box ..... Price $27.80
Weight 17 lbs.

---

13 Piece Set

This set is especially selected with the larger sizes of Sockets all ranging over 1¼", the largest size usually found in the standard ½" square drive, up to and including the 2" size. Especially desirable for large axle nuts, tractor, road machines and industrial work requiring large sizes as well as maximum strength. The heavy metal box is 20½"x 3¼" x 6⅝" in size, finished in baked gray enamel. The set contains the following parts:

19" Swing Head Handle, 12" Cross Bar, 1⅝", 1⅝", 1⅝", 1⅝", 1⅝", 1⅝", 1¾", 1⅞", 1⅞", 2" Sockets.



No. HD13 — 13 Piece Heavy Duty Set ..... Price $48.30
Weight 29 lbs.

No. HD13F — 13 Piece Set in Fibre Box ..... Price $41.60
Weight 24 lbs.

"Hot-Broached" (Patented) Sockets Are Better

DURO-CHROME

Extra Heavy Duty Sockets and Fittings

1" Square Drive

11 Piece

Extra Heavy Duty Set



For exceptionally rugged jobs on trucks, tractors and industrial work. Set contains Sockets 1¾", 1⅞", 2", 2⅛", 2⅜", 2⅝" together with Male and Female Slide "T" Fittings with Slide Bar and both 9" and 18" Extensions in heavy metal box finished in baked gray enamel.

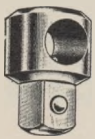
No. 5100 — Extra Heavy Duty Set ..... **Price $66.50**
Weight 42½ lbs.

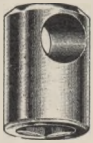
Heavy Duty Slide "T" Handle



No. 5126

Slide "T" Handle Parts





These two Heads with Cross Bar makes either Male or Female Slide "T" Handle.

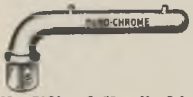
No. 5128 No. 5129

No. 5126 — 22" Cross Bar ..... **Price $2.00**
Weight 5 lbs.

No. 5129 — Female Drive Head ..... **Price $4.00**
Weight 2 lbs.

No. 5128 — Male Drive Head ..... **Price $3.80**
Weight 1½ lbs.

L Handle Adaptor



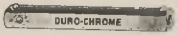
This Adaptor has 1" square drive and is used in connection with Tubular Handles shown on the right.

No. 5131 — L Handle Adaptor ..... **Price $5.00**
Weight 2 lbs.

Extensions and Adaptors



No. 5124



No. 5123





Heavily Chrome plated and all designed for 1" Square Drive.

No. 5135 No. 5130

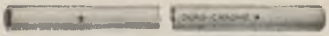
No. 5124 — 18" Extension ..... **Price $4.50**
Weight 5 lbs.

No. 5123 — 9" Extension ..... **Price $3.10**
Weight 2½ lbs.

No. 5135 — Short Extension ..... **Price $1.70**
Weight ½ lb.

No. 5130 — ¾"x 1" Adaptor ..... **Price $1.80**
Weight ½ lb.

Tubular Handle



No.	Length	Weight	Price
2241	18"	1¾ lbs.	$ 3.90
2242	24"	2¼ lbs.	4.55
2243	30"	4 lbs.	6.25

Extra Heavy Duty "Hot-Broached" Sockets



This series of hexagon 12 Point Sockets have 1" square drive and are typical Duro-Chrome Quality. The "Hot-Broached" method makes a stronger and better socket. Chrome plated.

No.	Size	Weight	Price
5156	1¾"	1¾ lbs.	$ 3.50
5158*	1⅞"	1⅞ lbs.	3.90
5160	1⅞"	2¼ lbs.	4.00
5164	2"	2¾ lbs.	4.70
5168**	2⅛"	3 lbs.	5.80
5170‡	2⅜"	3¼ lbs.	5.90
5172	2¼"	3½ lbs.	8.50
5176	2⅜"	4½ lbs.	10.00
5180	2½"	5¼ lbs.	12.00
5182	2⅝"	5¾ lbs.	13.35
5184	2⅝"	6¼ lbs.	15.00
5188	2¾"	7 lbs.	18.30

*Fits Chev. 1½ ton Truck Axle Nuts, 1930-35. **Fits Diamond T, GMC, Int. and White Trucks Axle Nuts. ‡Fits many busses.

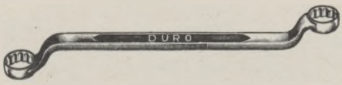
"Hot-Broached" (Patented) Sockets Are Better

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Drop Forged Selected Steel Box Wrenches

New design with embossed panels giving strength where most needed. Drop Forged from Special Carbon Alloy Steel, heat treated and tempered. Triple plated, heads highly polished and body satin finish. An outstanding group of modern Box Wrenches, both short and long 45° type, at extremely moderate prices.

Long 45° Type



No.	Size Opening	Length	Weight	Price
811	[illegible]	7⅝"	3 oz.	$0.54
812	½" x ⅝"	8⅝"	4 oz.	.57
813	⅝" x 11/16"	9¾"	6 oz.	.64
814	¾" x 13/16"	11⅛"	7 oz.	.70
815	7/8" x 1"	12½"	9 oz.	.80
816	15/16" x 1"	14¼"	13 oz.	.94
817	1⅛" x 1⅛"	16"	1½ lbs.	1.67

Set contains size range from ¼" to 1" inclusive and Wrenches Nos. 811, 812, 813, 814, 815 and 816.

No. 810-6F — Six Piece Box Wrench Set . . . . Price $4.20
Weight 2¾ lbs.

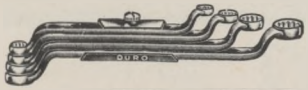
"KlipTite" Box Wrench Sets

In the three "KlipTite" sets illustrated and described below have been grouped the popular sizes of our Special Carbon Alloy Steel Long 45° Box Wrenches. The heavy metal clip, attractively baked enameled, forms a pleasing contrast with the plated Wrenches. Thumb screw on top holds Wrenches securely in place yet enables quick removal.



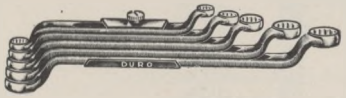
This set has openings ½", 9/16", 5/8", 11/16", ¾" and 13/16" and contains Wrenches Nos. 812, 813 and 814.

No. 810-3K — Three Piece "KlipTite" Box Wrench Set . . . . Price $1.90
Weight 1¼ lbs.



This set has openings 7/16", ½", 9/16", 5/8", 11/16", ¾" and 13/16" and contains Wrenches Nos. 811, 812, 813 and 814.

No. 810-4K — Four Piece "KlipTite" Box Wrench Set . . . . Price $2.45
Weight 1½ lbs.



This set has openings 3/8", 7/16", ½", 9/16", 5/8", 11/16", ¾", 13/16", 15/16" and 1⅛" and contains Wrenches Nos. 811, 812, 813, 814 and 815.

No. 810-5K — Five Piece "KlipTite" Box Wrench Set . . . . Price $3.25
Weight 2 lbs.

Short 45° Type

No.	Sizes	Length	Price
829	¼" x 5/16"	4⅛"	$0.29
831	3/8" x 7/16"	4⅝"	.30
832	½" x 9/16"	5⅛"	.37
833	5/8" x 11/16"	6⅛"	.47
834	¾" x 13/16"	7⅛"	.57

No. 835-5F — Set containing one each of the five Box Wrenches listed above in Carton . . Price $1.95
Weight 1½ lbs.

3 Piece "KlipTite" Sets



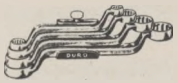
This set contains one each of Nos. 829, 831 and 832, range ¼" to 13/16".

No. 835-03K — Three Piece Short 45° "KlipTite" Box Wrench Set . . . . Price $0.95
Weight ¾ lb.

A larger range set than above, containing one each of Nos. 831, 832 and 833, range 7/16" to 15/16".

No. 835-3K — Three Piece Short 45° "KlipTite" Box Wrench Set . . . . Price $1.07
Weight ¾ lb.

4 Piece "KlipTite" Sets



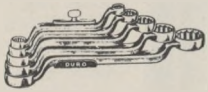
This set contains one each of Nos. 829, 831, 832 and 833, range ¼" to 5/8".

No. 835-04K — Four Piece Short 45° "KlipTite" Box Wrench Set . . . . Price $1.40
Weight 1 lb.

A larger range set than above, containing one each of Nos. 831, 832, 833 and 834, range 7/16" to 13/16".

No. 835-4K — Four Piece Short 45° "KlipTite" Box Wrench Set . . . . Price $1.64
Weight 1¼ lbs.

5 Piece "KlipTite" Sets

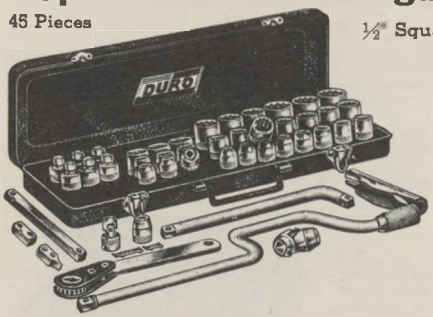


This set contains one each of Nos. 820, 831, 832, 833 and 834, range ¼" to 13/16".

No. 835-5K — Five Piece Short 45° "KlipTite" Box Wrench Set . . . . Price $1.95
Weight 1½ lbs.

Special Carbon Manganese Steel Socket Sets

45 Pieces



½" Square Drive

12 Point Sockets

5/16" Hexagon*	¾" Hexagon
11/32" Hexagon*	13/32" Hexagon
3/8" Hexagon*	7/16" Hexagon
7/16" Hexagon	15/32" Hexagon
1/2" Hexagon	17/32" Hexagon
17/32" Hexagon	9/16" Hexagon
9/16" Hexagon	19/32" Hexagon
19/32" Hexagon	5/8" Hexagon
5/8" Hexagon	11/16" Hexagon
11/16" Hexagon	1" Hexagon
3/4" Hexagon	1 1/16" Hexagon
	1 1/8" Hexagon
	1 1/4" Hexagon

*6 Point

The parts and Fittings in this Set are all standard ½" square drive and the set contains six Drain Plug Sockets.

CONTENTS

Long Speeder	Universal Joint
Ratchet	Screw Driver Adaptor
L-T Handle	Valve Grinder Socket
Long Extension	Socket for Alemite
Short Extension	Fitting

8 Point Sockets

5/16" Square†	9/16" Square
11/32" Square†	5/8" Square
3/8" Square†	11/16" Square
7/16" Square	3/4" Square
1/2" Square	

†4 Point

Drain Plug Sockets

5/16"
3/8"
7/16"
1/2"
9/16"
5/8"

No. 945 — 45 Piece Socket Set as illustrated and described ..... Price $13.30
Packed 10 to case. Weight 18 lbs.

No. 939 — 39 Piece Socket Set same as above less Six Drain Plug Sockets ..... Price $12.20
Packed 10 to case. Weight 16 lbs.

55 Piece Special Manganese Steel Socket Set in Tool Chest



The fifty-five pieces listed below are contained in metal tool chest 19"x 6"x 6½" with lift-out tray and has complete assortment of standard ½" square drive Sockets as well as small Ignition Socket Set and Ignition Open End Wrenches.

Ignition Socket Set

Extension Adaptor
Spinner Handle L Handle

¼" Hex. Drive Sockets

¼" Hexagon	½" Hexagon
5/16" Hexagon	5/8" Round Knurled
3/8" Hexagon	¼" Square
7/16" Hexagon	5/16" Square

Three Open End Ignition Wrenches that fit practically all systems. Held together with thumb screw

½" Square Drive Handles and Fittings

Long Speeder	Universal Joint
Ratchet	Slide "T" Handle
Long Extension	Valve Grinder Socket
Short Extension	Socket for Alemite Fitting

Standard ½" Square Drive Sockets

12 Point Sockets

5/16" Hexagon*	9/16" Hexagon	¾" Hexagon	1" Hexagon
11/32" Hexagon*	19/32" Hexagon	13/16" Hexagon	1 1/16" Hexagon
3/8" Hexagon*	5/8" Hexagon	7/8" Hexagon	1 1/8" Hexagon
7/16" Hexagon	11/16" Hexagon	15/16" Hexagon	1 1/4" Hexagon
1/2" Hexagon	17/32" Hexagon	1 5/16" Hexagon	
17/32" Hexagon		1 7/16" Hexagon	

*6 Point

8 Point Sockets

5/16" Square†	9/16" Square
11/32" Square†	5/8" Square
3/8" Square†	11/16" Square
7/16" Square	¾" Square
½" Square	13/16" Square

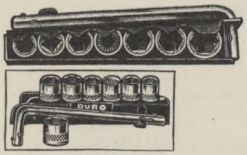
†4 Point

No. 955 — 55 Piece Special Socket Set in Tool Chest ..... Price $15.50
Packed 10 to case. Weight 18½ lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Ignition and Radio Wrench Sets

8 Piece Set



The smallest, though most comprehensive 8 Piece Socket Wrench Set on the market. It fits in the vest pocket. The arrangement of the single tools in the patented steel container, the attractive appearance of the kit, the utility of the tools for ignition, radio and general electrical work as well as the low price make this set an outstanding seller. Packed 25 to carton.

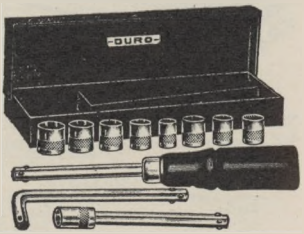
Set consists of seven Sockets with ¼" hexagon drive, ¼", 5/16", 11/32", 3/8", 7/16" hex., 3/8" Round Knurled, ¼" square and 4" L Handle with two friction balls, in black baked enameled box.

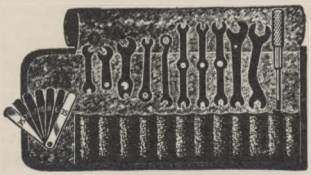
No. 1350 — 8 Piece Socket Set ..... **Price $0.57**
Packed 100 sets to case. Weight 31 lbs.

11 Piece Set

Here is one of the most adaptable and compact little handy sets on the market for use on automobile ignition, as well as radio work. Set consists of eleven pieces, put up in convenient black enameled steel case, as follows: 6½" Wood Grip Handle, 4" L Handle, 3¾" Extension Adaptor, ¼", 5/16", 3/8", 7/16", ½" Hex. Sockets with ¼" hexagon drive, 3/8" Round Knurled Socket, and ¼" and 3/8" Square Sockets.

No. 1357 — Ignition and Radio Socket Set ..... **Price $1.53**
Packed 50 sets to case. Weight 1 lb.





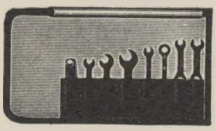
12 Piece Ignition Set

A compact twelve piece Ignition Set in heavy pantasote roll case. Consists of nine stamped steel case hardened Wrenches, a Thickness Gauge, File and "shock proof" Screw Driver.



No. 291 — 12 Piece Ignition Set ..... **Price $1.17**
Weight 7 oz.

8 Piece Ignition Set



Where a smaller set is desired, we offer an 8 piece combination of seven Wrenches and a Thickness Gauge in leatherette roll case.

No. 292 — 8 Piece Ignition Set ..... **Price $0.87**
Weight 5 oz.

Midget Ignition Box Wrenches



Drop Forged from Chrome Vanadium Steel. The two sizes listed have four popular openings. Handy for ignition and refrigeration work.

No. 2021 — Midget Box Wrench ¼"x 5/16" ..... **Price $0.90**
Weight 1 oz.

No. 2022 — Midget Box Wrench 11/32"x 11/32" ..... **Price $0.90**
Weight 1 oz.

High Grade Ignition Set With DuroLite Screw Driver

This 12 piece set is contained in an attractive two-toned self-lined substantial leatherette case. It has a 6-blade Thickness Gauge, high grade insulated handle Screw Driver and ten tempered and hardened Wrenches in gun metal finish. Will take care of practically all ignition systems as well as generator adjustments.

No. 290 — 12 Piece Ignition Set ..... **Price $1.35**
Weight 8 oz.

Perfect Commutator Cleaner



A tool that has met instant reception from the mechanic, as it fills a long felt need. The cadmium plated metal handle holds 36 inches of proper grade sandpaper for commutator cleaning and is provided with a convenient lock so a small portion can be replaced when a new surface is required. Mounted 12 cleaners on an attractive three color card, 3 cards to the carton.

No. 170-C12 — Card of 12 Cleaners, as illustrated ..... **Price $8.80**
Weight per card 1½ lbs.

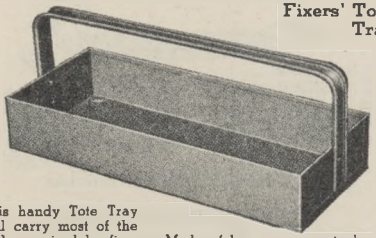
Refills for Perfect Commutator Cleaner

Refills for No. 170 Perfect Commutator Cleaner consisting of rolls of the proper width 36" long with instructions for use. Packed 24 rolls to the carton.

No. 171 — Carton of 24 Refills for Perfect Commutator Cleaner ..... **Price $2.20**
Weight per carton, 1 lb.

Tools for the Textile Industry

Fixers' Tote Tray



This handy Tote Tray will carry most of the tools required by fixers. Made of heavy gauge steel with welded corners and folding handle. Size 19"x 7", 3" deep. Baked gray enameled finish.

No. 9909 — Fixers' Tote Tray.....Price $2.50
Weight 4 lbs.

Special DuroLite Extra Long Screw Driver For Draper Race Plate



This Screw Driver is long enough (18") and small enough (⅜") to handle screws in Draper Loom Race Plate. The handle is extra large (1½"x 6½") so as to give extra leverage.

No. T12S18 — DuroLite Screw Driver.....Price $3.70
Weight 1¼ lbs.



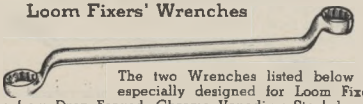
"T" Handle Key Sockets

Two sizes 8" long to fit square head set screws. Heavily plated.

No. 512S — ⅜" Square Key Socket
.....Price $1.10

No. 516S — ½" Square Key Socket
.....Price $1.10
Weight 1 lb.

Loom Fixers' Wrenches



The two Wrenches listed below are especially designed for Loom Fixers. Made from Drop Forged, Chrome Vanadium Steel, heavily plated.

For Draper Looms

This Wrench is especially designed for Draper Looms with 12 Point Hexagon openings ⅝"x ¾", 9¾" long.

No. 0732T — Wrench for Draper Looms.....Price $0.90
Weight 6 oz.

For Crompton-Knowles Looms

This Wrench is especially designed for Crompton-Knowles Looms with 12 Point Hexagon openings 1 1/16"x 1 3/16", 11⅛" long.

No. 0733T — Wrench for Crompton-Knowles Looms.....Price $1.10
Weight 9 oz.

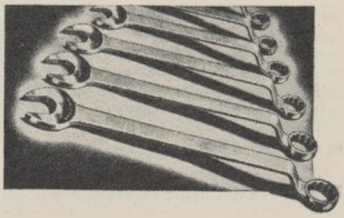
Cylinder Set Screw Wrench



23" long, ½ sq., and ⅝ sq. openings, armed for Slide Cross Bar. Fits both old and new style cylinder set screws. Heavily plated. Furnished with 9" Cross Bar.

No. 551 — Cylinder Set Screw Wrench.....Price $2.50
Weight 1¼ lbs.

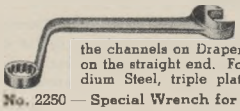
Offset Box-Open Wrenches



An original and new design especially made for the textile industry. Offset Box Wrench on one end and same size Open End Wrench on other end. Forged Chrome Vanadium Steel. Triple plated polished heads.

No.	Opening	Length	Weight	Price
2131	5/8"	6½"	1½ oz.	$1.05
2132	7/16"	7"	2 oz.	1.10
2133	½"	7¼"	2½ oz.	1.20
2134	9/16"	7½"	3 oz.	1.35
2134A	11/32"	7½"	3 oz.	1.40
2135	5/8"	7⅞"	3½ oz.	1.45
2136	11/16"	8¼"	4 oz.	1.60
2137	¾"	9⅝"	5 oz.	1.80
2137A	23/32"	9⅝"	5 oz.	1.90
2138	7/8"	10½"	7 oz.	2.10
2139	15/16"	12"	10 oz.	2.30

Special Offset and Box Wrench for Draper Looms



23/32" 12 Point Box Wrench offset so as to reach into the channels on Draper Looms with ⅞" opening on the straight end. Forged from Chrome Vanadium Steel, triple plated with polished heads.

No. 2250 — Special Wrench for Draper Looms.....
.....Price $2.00
Weight ¾ lb.

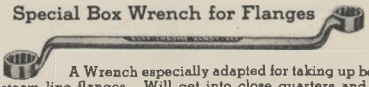
Duro-Chrome Set Screw Wrenches



Forged from Chrome Vanadium Steel, triple plated, polished heads.

No.	Openings	Length	Price
1091	5/16"x ¼"	3½"	$0.75
1092	¾"x 3/8"	5"	0.80
1093	7/16"x ½"	6¾"	1.00

Special Box Wrench for Flanges



A Wrench especially adapted for taking up bolts on steam line flanges. Will get into close quarters and do fast work where ordinary wrench will not fit. 18" long, openings 1 1/16"x 1¼", 12 Point. Forged Chrome Vanadium Steel with triple plating, polished heads.

No. 2058C — Box Wrench — 1 1/16"x 1¼".....Price $3.90
Weight 1¾ lbs.

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Special Tools

Stud Wrench



This Chrome Vanadium Steel tool is appreciated by mechanics on account of its strength, convenience and design. The cut teeth in body insures a positive grip without damaging the stud. Capacity, 5/16" diameter.

No. 250 — Stud Wrench ..... **Price $3.25**
Weight ¾ lb.

No. 250R — Extra Roller for above only .....**Price $0.90**
Weight 3 oz.

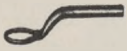
Ford V-8 Crankshaft Ratchet Nut Wrench



A drop forged Chrome Vanadium Steel Wrench with 12 point 1 3/8" hexagon opening, 6 5/8" long, triple plated. The cross member holds the Wrench and all that is necessary is to step on starter to remove the crankshaft ratchet nut. For Ford V8 1933-38 (Except V8 "60")

No. 282 — Crankshaft Nut Wrench .....**Price $1.85**
Weight 9 oz.

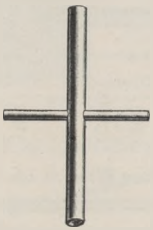
Buick-LaSalle-Pontiac-Chevrolet Steering Gear Adjusting Wrench



For Buick, LaSalle, Pontiac 6 and 8 1933-35, Chevrolet 1933-39 models of above cars which require a special thin headed wrench for adjusting steering gear eccentric. Head 3/16" thick, opening 3/8", length 5". Not guaranteed on account of extreme thinness.

No. 2094 — Steering Gear Wrench .....**Price $2.25**
Weight 4 oz.

Tool for Trico Windshield Wipers



Indispensable for adjusting and working on Trico Windshield Wiper. The elongated openings fit properly. Heavily cadmium plated.

No 299 — Tool for Trico Wipers .....**Price $0.80**
Weight 2 oz.

Wrench for Hydraulic Brakes



In this Wrench are combined the two openings so necessary for working on hydraulic brakes. Drop forged, Chrome Vanadium Steel, triple plated. Openings, 7/16" x 1 1/16".

No. 1732HB — Hydraulic Brake Wrench .... **Price $1.80**
Weight 9 oz.

Eccentric Brake Wrenches



The two drop forged Chrome Vanadium Steel Wrenches listed below are quite necessary for adjusting the eccentric cam on Bendix Brakes. 9" long, triple plated.

No. 1720L — 9" Wrench, 3/8" x 1/4" openings . . **Price $1.40**
No. 1721L — 9" Wrench, 5/16" x 3/8" openings . . **Price 1.40**
Weight 4 oz.

Extra Long Open End Wrenches



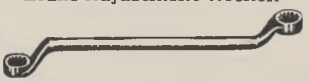
These three drop forged Chrome Vanadium Steel Extra Long Wrenches are especially desirable for servicing brakes on the late model cars. Triple plated, duplex finish.

No. 1731AL — 15" Long Open End Wrench, 3/4" x 7/8" .....**Price $3.10**
Weight 1 lb.

No. 1034AL — 16" Long Open End Wrench, 9/16" x 1 1/16" .....**Price $3.30**
Weight 1½ lbs.

No. 1735L — 16" Long Open End Wrench, 1" x 1 1/8" .....**Price $3.30**
Weight 1½ lbs.

Brake Adjustment Wrench



An extra long, 15½" Box Wrench for anchor studs on internal brakes and crank case drain plugs on Plymouth, Dodge, De Soto, Chrysler 6 and 8, 1933-39 incl., 1932-38 Ford and for anchor brake bolts only on Pontiac 1933-36 and Buick 1932-39 cars. 5/8" and 1 1/16" 12 Point openings, drop forged Chrome Vanadium Steel, triple plated.

No. 2090 — Brake Adjustment Wrench .....**Price $2.90**
Weight 1 lb.

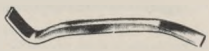
Star Nut Brake Tool



Forged from Chrome Vanadium Steel with thin strong points for adjusting cog screw on Bendix Brakes on most cars. Triple plated, polished heads. 7½" long.

No. 2161 — Star Nut Brake Tool .....**Price $0.90**
Weight 3 oz.

Brake Adjusting Tool

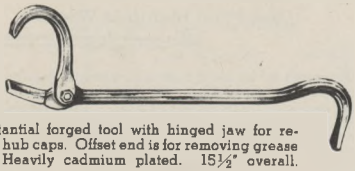


This tool made from Chrome Vanadium Steel, plated and polished, has proven as nearly universal as any tool of this type can be made for adjusting brakes on today's cars. 6" long.

No. 2162 — Brake Adjusting Tool .....**Price $0.80**
Weight 2 oz.

Special Tools

Hub and Grease Cap Puller

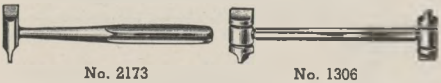


A substantial forged tool with hinged jaw for removing hub caps. Offset end is for removing grease caps. Heavily cadmium plated. 15½" overall.

No. 2189 — Hub and Grease Cap Puller....Price $3.90

Weight 1 lb.

Hammer Head Offset Screw Drivers



No. 2173 No. 1306

A drop forged Chrome Vanadium Steel tool used largely for drag links and brake adjusting. 7" overall length with ½" blade. Heavily plated.

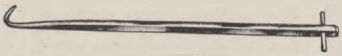
No. 2173 — Hammer Head Offset Screw Driver.....Price $1.35

Has Chrome Vanadium Steel heads with ¾" and ⅝" blades. 6¾" long. Heavily plated.

No. 1306 — Double End Offset Screw Driver, Price $1.50

Weight 6 oz.

Cotter Hook for Ford "V8"



Forged from special alloy steel. ¼" square, 12" long. A time-saving tool for removing cotter keys from short brake rods, clutch pedals and also used for removing valve locks on V8.

No. 280 — Cotter Hook for Ford V8.....Price $1.30

Weight 7 oz.



Pan Screw Driver for Chevrolet

This tool has ⅜" square drive connection to be used with "Cub" or similar Speeder and is ideal for holding and lining up pan bolts on Chevrolet cars. Greatly simplifies this job. 3" overall. Heavily plated.

No. 4498 — Pan Screw Driver for Chevrolet.....Price $1.55

Weight 2 oz.



Camber Adjusting Tool for Chevrolet

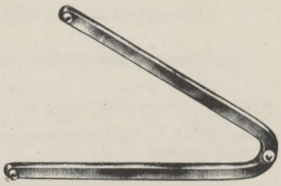
This Socket with ½" square drive is especially designed to be used with any "Cub" Handle and for the Allen type Set Screw that adjusts the camber on the late model Chevrolet cars.

No. 4495 — Camber Adjusting Tool for Chevrolet.....Price $1.00

Weight 1 oz.

Adjustable Side Spanner Wrench

Made from special alloy steel with hardened pins and so constructed as to be adjusted from 1" to 10". Pins $\frac{9}{32}$" diameter. Overall length 10". Heavily cadmium plated.

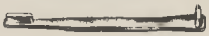


No. 2095 — Adjustable Side Spanner Wrench.....Price $3.30

Weight 1 lb.

Tie Rod Tool

For working in close quarters on tie rods, this tool is absolutely essential. Will be found especially adaptable for Ford V8's and for replacing shock absorber filler plugs on Chevrolet and Pontiac. Drop forged from special alloy steel. 7½" overall. Heavily cadmium plated.



No. 2174 — Tie Rod Tool.....Price $1.30

Weight 6 oz.

Wrench for Chevrolet Clutch



A Box Wrench with milled opening as illustrated above is absolutely necessary for adjusting quickly and easily Chevrolet Clutch 1937 and later models. Every mechanic working on Chevrolet needs this Wrench.

No. 2196 — Wrench for Chevrolet Clutch...Price $2.50

Weight 7 oz.

Pump Packing Tool



Drop forged from special alloy steel 6½" long. Flat offset blade on one end. Sharp hook on opposite end.

No. 198 — Pump Packing Tool.....Price $0.90

Weight 2 oz.

Clutch Release Hook for Plymouth



This 12½" overall tool with a DuroLite handle is for hooking into last rung of spring rather than on the end. This makes a very simple job of replacing springs, as it permits the twisting of the tool and properly engaging the hook on spring.

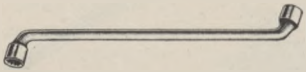
No. 199 — Clutch Release Hook for Plymouth.....Price $1.45

Weight 4 oz.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Tools For Ford A, AA, B and V8

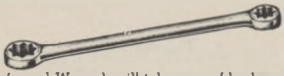
Forged Main Bearing Wrench



Designed for convenient access to the main bearing bolt on Ford "A," "AA," "B," "BB" and all "V8" cars to 1939 except "V8-60." 9/16" 8 Point opening on one end and 3/4" 12 Point opening on the other. 16" long. Forged from Chrome Vanadium Steel, Satin Finish with polished ends.

No. 269 — Forged Main Bearing Wrench ..... **Price $2.20**
Weight 1¼ lbs.

Forged Brake Adjusting Wrench



This drop forged Wrench will take care of brake adjustments on Ford passenger cars as well as trucks. Double square 1/2" and 7/16" openings will fit Ford Models "A," "AA," "B," "BB," and all "V8" cars including 1938. Length of 11" provides this Wrench with sufficient leverage to comfortably reach and adjust brake nuts even if rusted or frozen.

No. 268 — Forged Chrome Vanadium Brake Adjusting Wrench ..... **Price $1.30**

No. 267 — Forged Carbon Steel Adjusting Wrench ..... **Price $0.80**
Weight 9 oz.

Shackle Bushing Punches for Ford "V8"



For removing and replacing rubber shackles. Made to fit properly, to prevent damaging the case. Chrome Vanadium Steel, heat treated and hardened, triple plated, polished ends.

No. 285 — 3/4" Punch for 3/4" Shackles on all "V8" Fords. 6¾" long ..... **Price $1.80**
Weight 12 oz.

No. 286 — 7/8" Punch for 3/4" Shackles on all "V8" Fords. Length 7½" ..... **Price $1.80**
Weight 1¼ lbs.

Spindle and Spring Perch Bushing Tool



A heavy heat treated, tempered and hardened steel tool designed for removing and replacing bushings for steering spindle and spring perch in Models "A," "B" and all "V8" Ford cars. Finished in mottled blue tool steel. Each tool packed in individual container.

No. 277 — Spindle and Spring Perch Bushing Tool ..... **Price $0.83**
Weight 1 lb.

Piston Pin Tools

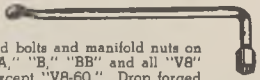


To properly insert Piston Pins on Ford cars, it is absolutely necessary to have some special tool. Blue mottled finish, with polished ends.

No. 276-AB — Piston Pin Tool for Model "A" and "B" Fords ..... **Price $1.80**
Weight 2 lbs.

No. 276-V8 — Piston Tool for all "V8" Fords **Price $1.80**
Weight 1 lb.

Head and Manifold Wrench



Convenient for all head bolts and manifold nuts on Ford Models "A," "AA," "B," "BB" and all "V8" cars including 1939 except "V8-60." Drop forged from Chrome Vanadium Steel, a 3/4" 12 Point socket opening on one end and 3/4" 12 Point box opening on the other. Length 15". Satin finish with polished ends.

No. 273 — Head and Manifold Wrench ..... **Price $2.20**
Weight 1¼ lbs.

Connecting Rod Wrenches
Chrome Vanadium Steel Sockets



This 11/16" "12 Point" Wrench is adapted for connecting rod bolt on Model "A" and "B" Fords. Chrome Vanadium Steel Socket.

No. 615 — Connecting Rod Wrench 11/16" ..... **Price $0.90**

No. 617

9/16" "12 Point" Extra Thin Nose Chrome Vanadium Steel Connecting Rod Wrench for "V8" Fords, except "V8-60."

No. 617 — Connecting Rod Wrench 9/16" ..... **Price $0.90**

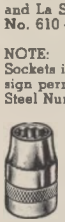
No. 610

7/16" 12 Point extra thin nose Chrome Vanadium Steel Wrench for 1937-39 Ford "V8-60." Also for 1938-39 Cadillac V8 and La Salle.

No. 610 — 7/16" Connecting Rod Wrench ..... **Price $0.90**
Weight ¾ lb.

NOTE: On account of restricted space the nose of these Sockets is tapered down smaller than good engineering design permits and though made of best Chrome Vanadium Steel Numbers 610 and 617 are not guaranteed.

Special Socket for "V8" Connecting Rod





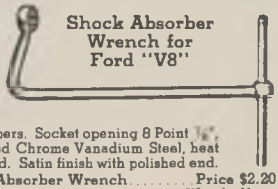
On account of restricted space the nose of this Socket is tapered down smaller than good engineering design permits, and though made of best Chrome Alloy Steel, it is not guaranteed. 1/2" square drive ends.

No. 1618V8XX — 12 Point 9/16" Socket for "V8" Fords except "V8-60" ..... **Price $0.80**

No. 1618V8X — 6 Point 9/16" Socket ..... **Price $0.80**

No. 1614V8X — 6 Point 9/16" Socket for 1937-39 Ford "V8-60." Also for 1938-39 Cadillac V8 and LaSalle ..... **Price $0.80**
Weight 3 oz.

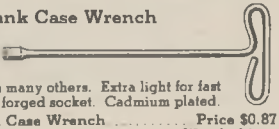
Shock Absorber Wrench for Ford "V8"



The location of shock absorbers on 1935 and later "V8" cars makes it necessary to use specially designed Wrench as illustrated above to service shock absorbers. Socket opening 8 Point 7/16", 11" long. Drop forged Chrome Vanadium Steel, heat treated and tempered. Satin finish with polished end.

No. 271 — Shock Absorber Wrench ..... **Price $2.20**
Weight 11 oz.

Crank Case Wrench



T Wrench 18" overall for crank case bolts on all Ford "V8" cars as well as many others. Extra light for fast work. 1/2" hexagon, forged socket. Cadmium plated.

No. 516L — Crank Case Wrench ..... **Price $0.87**
Weight 14 oz.

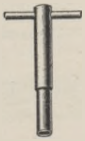
DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

Ford A, B and V8 Tools and Accessories

Carburetor Tools

Ford "V8" Jet Wrench





This tool is especially designed for removing jet in the 1934-38 Ford "V8" except "V8-60."

No. 284 — Ford "V8" Jet Wrench.....Price $1.15
Weight 1 oz.

Carburetor Insert Puller
FOR FORD "V8"

This tool is especially designed for performing the difficult operation of removing the insert in 1934-37 Ford carburetor without damaging same. Handle, amber DuroLite, blade selected steel. (Except V8-60).

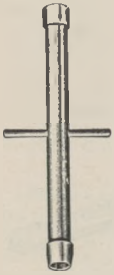
No. 283 — Ford "V8" Carburetor Insert Puller.....Price $1.00
Weight ½ oz.

Ford "V8" Carburetor Jet Wrench



For 1932-33 "V8" and earlier model Ford carburetors and fuel pumps. Hardened prongs properly placed for removing both jets.

No. 274 — Ford "V8" 1932-33 Jet Wrench... Price $1.30
Weight 7 oz.

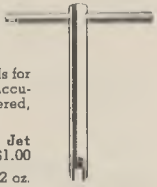


Ford "A" and "B" Carburetor Jet Wrench

This special Wrench with hexagon openings on each end is especially designed for removing and replacing the two jets in Ford "A" and "B" cars. Cadmium plated.

No. 278 — Carburetor Jet Wrench.....Price $0.80
Weight 3 oz.

Ford "V8" Carburetor Jet Adjusting Tool



Made from Chrome Vanadium Steel. Is for adjusting Ford "V8" Carburetor Jet. Accurately machined, heat treated, tempered, hardened and triple plated.

No. 298 — Ford "V8" Carburetor Jet Adjusting Tool.....Price $1.00
Weight 2 oz.



Socket for Adjusting "V8" Radius Rod

This Socket with ⅝" square end is used with any ½" square handle made from Chrome Vanadium Steel, heat treated, tempered, hardened and triple plated.

No. 1310 — Radius Rod Socket.....Price $0.60
Weight 1 oz.

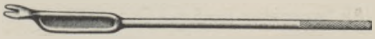
Ford "V8" Valve Tool



A drop forged tool especially designed for compressing Ford "V8" valve spring to enable removing or inserting bushing key. Length, 20½".

No. 2192 — Ford "V8" Valve Tool.....Price $1.20
Weight 1¾ lbs.

Heavy Duty Valve Spring Compressor for Ford "V8"



Especially designed and drop forged for compressing valve springs on Ford "V8" all models so as to permit removal of valve keeper and guide lock. Its 21" length furnishes ample leverage to perform this operation with minimum effort. Heavily plated.

No. 2193 — Heavy Duty Tool for Ford "V8" Valves.....Price $2.20
Weight 2 lbs.

Chrome Vanadium Steel Valve Lifters for Ford "V8-60," Ford "V8-85," Zephyr and Mercury



An extra long as well as powerful tool is required to break loose the valve guides on above cars. The special lengths give both additional leverage as well as convenient reach of these quite inaccessible valve guides.

Made of Chrome Vanadium Steel with heads drop forged and properly hardened and tempered. Available in 24" or 32" lengths.

No. 2194 — 24" Valve Lifter for "V8-60" Fords.....Price $3.00
Weight 2 lbs.

No. 2195 — 32" Valve Lifter for "V8-85" Fords, Mercury and Zephyr.....Price $4.00
Weight 2¾ lbs.



Valve Bushing Punch

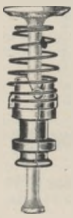
Designed for driving out valve stem bushings on Ford cars. Made of special analysis steel, heat treated and hardened.

No. 270-AB — Valve Bushing Punch for Model "A" and "B" Fords.....Price $0.67

No. 270-V8 — Valve Bushing Punch for all "V8" Fords from 1932 to 1939 except "V8-60".....Price $0.67

No. 270-60 — Valve Bushing Punch for "V8-60" Fords.....Price $0.67
Weight 7 oz.

Ford "A," "B" and "V8" Valve Guide and Spring



This ingenious device solves the problem for a valve guide as well as relief spring when grinding valves on Ford cars. One style is for models "A" and "B" while the other style is for all "V8" except "V8-60."

No. 200-AB — Guide for Ford "A" and "B".....Price $1.10

No. 200-V8 — Guide for Ford "V8" except "V8-60".....Price $1.10
Weight 3 oz.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Tools For Ford A, AA, B and V8

Ford V8 Crankshaft Ratchet Nut Wrench



A drop forged Chrome Vanadium Steel Wrench with 12 Point 1⅜" hexagon opening, 6⅝" long, triple plated. The cross member holds the wrench and all that is necessary is to step on starter to remove the crankshaft ratchet nut except "V8-60."

No. 282 — Crankshaft Nut Wrench.....Price $1.85
Weight 9 oz.

Link Separator for Ford Shock Absorbers

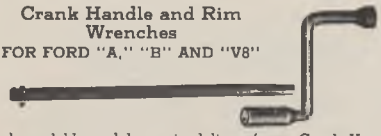


For removing shock absorber links on Ford "V8" cars without damaging them. Driving out usually mutilates the bolts so as to make them useless. 16" long.

Remove nut from bolt holding shock absorber link, place wedge shape forked end of tool between the shock absorber arm and the link, drive tool forcing tapered bolt out of arm. The spacing collar adapts the tool for use on 1934 Fords.

No. 279 — Shock Absorber Link Tool.....Price $4.10
Weight 1 lb.

Crank Handle and Rim Wrenches
FOR FORD "A," "B" AND "V8"



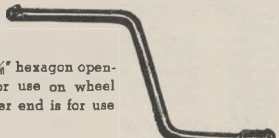
A dependable and low priced line of one Crank Handle and three Extensions to take care of all Ford "B" and "V8" cars from 1932 to 1936, incl. Forged from special analysis steel, properly heat treated and tempered. Finished in black baked enamel.

No. 597 — Crank Handle and Rim Wrench. ⅝" hex. socket on one end for wheel nuts and ½" square opening on other end to fit all Crank Extensions listed below. Price $0.77
Weight 1¾ lbs.

No. 598 — Crank Extension for Ford "V8" 1935 and 1936 Cars. For use with above Crank Handle No. 597. Length, 20¼".....Price $0.63
Weight 2 lbs.

No. 599 — Crank Extension for Ford "V8" 1932 to 1934, incl. For use with above Crank Handle No. 597. Length, 18".....Price $0.62
Weight 1¾ lbs.

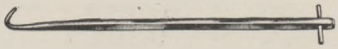
No. 605 — Crank Extension for Ford "B" 1932 cars. For use with above Crank Handle No. 597. Length 15".....Price $0.60
Weight 1½ lbs.



This Wrench has ⅜" hexagon opening on one end for use on wheel nuts, while the other end is for use as starting crank.

No. 604 — Ford "A" Crank Handle and Rim Wrench.....Price $0.73
Weight 2¼ lbs.

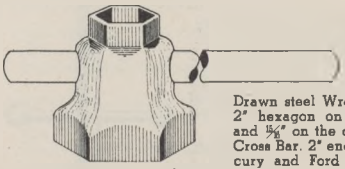
Cotter Hook for Ford "V8"



Forged from special alloy steel. ¼" square, 12" long. A time-saving tool for removing cotter keys from short brake rods, clutch pedals and also used for removing valve locks on "V8."

No. 280 — Cotter Hook for Ford "V8".....Price $1.30
Weight 7 oz.

Drain Plug Wrench for Ford, Mercury, Zephyr



Drawn steel Wrench with 2" hexagon on one end and ⅝" on the other with Cross Bar. 2" end fits Mercury and Ford "V8-85." ⅝" end fits all other Fords and Lincoln Zephyrs. Cadmium plated. Furnished with Cross Bar.

No. 288 — Drain Plug Wrench.....Price $1.00
Weight 1½ lbs.

Drain Plug Wrench for Ford "V8-85" and Mercury

A full forged steel 2" 12 Point Box type Wrench heat treated, tempered, triple plated with polished ends. Fits Ford "V8-85" and Mercury Cars.



No. 281 — Drain Plug Wrench.....Price $2.00
Weight 1½ lbs.

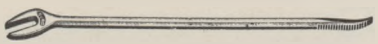
Ford "V8" Shock Absorber Wrench



Specially designed for work in extremely limited space to reach Filler Plug Screw and to fit the Arm Bolts on all 1934-38 "V8" Ford Rear Shock Absorbers. Has ⅜" square 8 Point and ⅜" hex. 12 Point openings. 4½" length overall. Drop forged Chrome Vanadium Steel, heat treated and tempered. Duplex satin finish with polished heads.

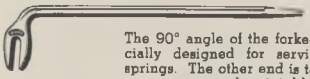
No. 275 — Ford "V8" Shock Absorber Wrench.....Price $1.00
Weight 2 oz.

Grease Bar — Straight Type



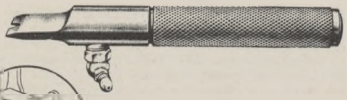
A drop forged hardened tool steel bar, octagon shaped, that will greatly facilitate a thorough greasing of frozen spring shackles. The three leaf capacity fork end is set at a 25° angle to conveniently clear all obstacles under most cars. Length 30", diameter ¾", cadmium plated finish.
No. 2190 — Grease Bar ..... **Price $2.60**
Weight 4¾ lbs.

Angle Grease Bar



The 90° angle of the forked head is especially designed for servicing the front springs. The other end is tapered down to a narrow round point like a huge drift punch. Drop forged from ¾" octagon shaped tool steel, heat treated and hardened, cadmium plated finish. Length, 20".
No. 2191 — Angle Grease Bar ..... **Price $2.20**
Weight 3½ lbs.

Spring Lubricator





Drive or insert between spring leaves and apply grease gun to standard fitting. Takes out squeaks nearly impossible to handle in any other manner. Chrome Vanadium Steel, tempered, triple plated.
No. 798 — Spring Lubricator ..... **Price $1.75**
Weight 10 oz.

Grease Ram



With this tool, frozen joints are readily greased. Adaptor enables use where Alemite Ford "A" and similar fittings are used. Cadmium plated.
No. 793 — Grease Ram ..... **Price $0.85**
Weight ½ lb.

Socket for Alemite Fittings



Designed to be used with any handle with ½" square drive end. Enables removal and replacement of Alemite and similar fittings.
No. 694 — Socket for Alemite Fittings ..... **Price $0.33**
Weight 2 oz.

Driving Punch for Grease Fittings



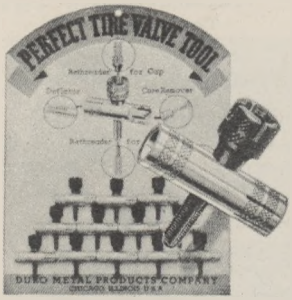
A very essential tool for inserting such grease fittings which are not the screw type. Opening at the end of the punch fits accurately over the nipple of the grease fitting. Made of Chrome Vanadium Steel, heat treated and hardened.
No. 272—Driving Punch for Grease Fittings, Price $0.55
Weight 3 oz.



Drag Link Socket

This Socket has standard ½" square drive and is especially useful in adjusting drag links or as a heavy screw driver.
No. 1305 — Drag Link Socket .... **Price $0.90**
Weight 3 oz.

Perfect Tire Valve Tool

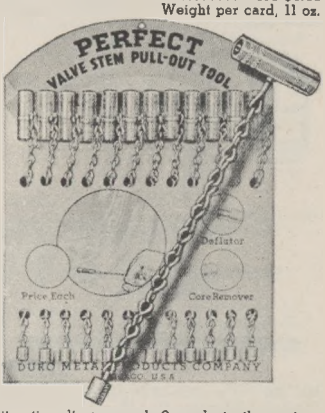


A substantial four-in-one tool for removing and replacing tire valve cores, deflating tires, rethreading the inside and outside of the valve stem. The core remover has a very convenient guide which slips over the valve stem, while the deflator end of our tool will clamp on the stem to release the air. The rethreaders are made from high grade, tempered steel. Put up 12 on display card, 3 cards to the carton.
No. 780-C12 — Card of 12 Perfect Tire Valve Tools .. **Price $6.40**
Weight per card, 15 oz.

Perfect Tire Deflator and Valve Tool



This tool is designed especially to carry in the pocket for deflating tires and removing or replacing valve cores. Packed 12 tools on attractive card similar to display shown above.
No. 779-C12 — Card of 12 Deflators ..... **Price $4.00**
Weight per card, 11 oz.



This three-in-one tool combines the features of a Tire Valve Pull-Out Tool and a Tire Deflator as well as Valve Core Remover. By threading the cap and chain through the valve hole in the rim and fastening the cap to the valve stem before inflating the tube, the valve stem is easily pulled into proper position.
12 tools on attractive display card, 3 cards to the carton.
No. 778-C12 — Card of 12 Perfect Tire Valve Pull-Out Tools ..... **Price $6.80**
Weight per card 1 lb.

Grease Fittings Wrench and Re-Threaders



No. 649

Designed to remove and replace all types of oil and grease fittings and re-thread where threads have been damaged.

No. 639

No. 649 — Grease Fittings Wrench ..... **Price $0.70**
Weight 4 oz.
No. 639 — Grease Fittings Wrench with Twist Type Extractor ..... **Price $0.80**
Weight 4 oz.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Hub and Grease Cap Puller



A substantial forged tool with hinged jaw for removing hub caps. Offset end is for removing grease caps. Heavily cadmium plated. 15½" overall.

No. 2189 — Hub and Grease Cap Puller.....**Price $3.90**
Weight 1 lb.

Universal Drain Plug Wrench



A Drop Forged Alloy Steel Wrench that fits practically all male plugs on crank cases, transmissions, differentials, etc., including the latest models. A combination of nine hexagon, square and double square openings. No garage or service station can afford to be without this tool.

No. 644 — Universal Drain Plug Wrench....**Price $1.50**
Weight ¾ lb.

Drain Plug Sockets

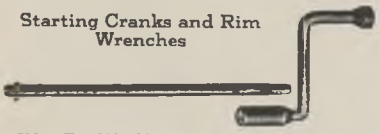
Carefully machined from Chrome Vanadium Steel, heat treated. Attractive finish with polished ends. ½" square drive ends.



No.	Size	Price
†1310	⅝"	$0.60
*1311A	¾"**	.60
1312	⅞"	.60
**1313A	1"**	.60
1314	1⅛"	.60
1316	1¼"	.60
1318	1⅜"	.60
1320	1½"	.60
1322	1⅝"	.65
1324	1¾"	.65

*For Hudson-Essex prior to 1932. **Hexagon for Hudson-Essex 1932. †Also used on Ford V8 Radius Rod.

Starting Cranks and Rim Wrenches



No. 596 — For 1935-38 Plymouth and Chrysler — Two Piece Combination Rim Wrench and Crank Extension. The Crank Handle and Rim Wrench has ¾" hex. Socket on one end for Wheel Nuts and ⅝" square opening on other end to fit 27" tapered Crank Extension.....
Weight 4½ lbs.....**Complete, Price $1.62**

No. 601 — Crank Handle and ¾" Rim Wrench for Chevrolet cars. Models 1925-7 and 1931-2.....**Price $0.80**

No. 602 — Crank Handle only for Chevrolet cars. Models 1929-30 and 1934-36 incl......**Price $0.85**

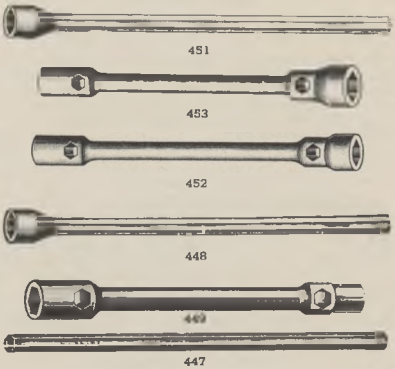
No. 603 — Crank Handle and ¾" Rim Wrench for Chevrolet cars. Models 1928 and 1933....**Price $0.82**

No. 604 — Model "A" Ford Crank Handle and ⅝" Rim Wrench. Weight 2¼ lbs.....**Price $0.73**

No. 594 — Crank Handle only for Plymouth 1934, Dodge and Chrysler 6 and 8 cyl. 1934, 29½" overall. Weight 4¼ lbs.....**Price $1.03**

No. 595 — Crank Handle only for Plymouth, 1933, 24" overall. Weight 3¾ lbs.....**Price $0.97**

Truck Rim Wrenches



Designed and constructed for heavy duty work. Forged from carbon alloy steel. Heavily plated, rust-proof finish. Sockets on Nos. 452 and 453 are double broached on one end, thus having a combination of two different sized openings inside of one socket or three openings on each Wrench. The 20" Combination Handle and Wrench acts as powerful Slide "T" Bar.

No. 453 — Double End Truck Rim Wrench with 1⅛" hex. and ⅝" square openings on one end and 1½" hex. opening on other end. 16" long. Fits Ford Dual Wheels, also Dodge up to and incl. 1939 models, and many others.....
Weight 4½ lbs.....**Price $1.95**

No. 451 — Combination Wrench and Slide Bar. Socket is 1⅛" hex. size. 20" long. Bar is ¾" diameter.....
Weight 3 lbs.....**Price $1.50**

No. 452 — Double End Truck Rim Wrench with ¾" hex. and ⅝" square openings on one end and 1¼" hex. opening on other end. 16" long. Fits Chevrolet Dual Wheels up to and incl. 1939 models, Mack and many others.....
Weight 4 lbs.....**Price $1.98**

No. 448 — 20" Lever forged from Carbon alloy steel with 1⅜" hexagon socket, serves Reo, Federal, G.M.C., etc.....
Weight 3 lbs.....**Price $1.50**

No. 447 — Cross Bar to fit Nos. 449, 452 and 453.....
Weight 2¾ lbs.....**Price $1.10**

No. 449 — Double End Truck Wrench, forged from Carbon Alloy Steel, openings ⅞" and 1⅛" hexagon. Ideal for International trucks, 1939 Federal, Mack, Studebaker, Diamond T, etc.....
Weight 4 lbs.....**Price $2.30**

No. 450 — Set of three Wrenches Nos. 451, 452 and 453.
Weight 12¾ lbs.....**Price $5.40**

Set for Ford Trucks

A combination of numbers 447 and 453 giving a Slide Bar as well as a Wrench with openings 1⅛" and 1½" hexagon together with ⅝" square.

No. 450-F — Set for Ford Trucks.....**Price $3.05**
Weight 8 lbs.

Set for Chevrolet Trucks

A combination of numbers 447 and 452 giving a Slide Bar as well as a Wrench with openings ¾" and 1¼" hexagon together with ⅝" square. For all Chevrolet Dual Wheels.

No. 450-C — Set for Chevrolet Trucks.....**Price $3.05**
Weight 7¼ lbs.

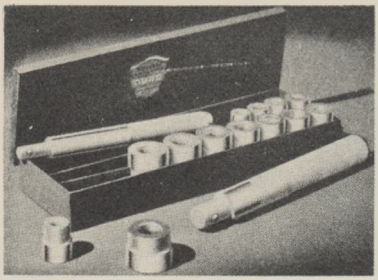
Set for International Trucks

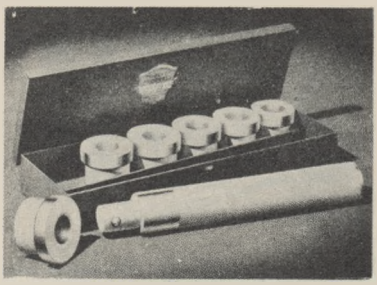
A combination of numbers 447 and 449 giving a Slide Bar as well as a Wrench with openings ⅞" and 1⅛" hexagon.

No. 450-IN — Set for International Trucks..**Price $3.40**
Weight 7¼ lbs.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

Bushing Driver Sets





Standard

The Bushing Collars and Drivers listed below are made from Chrome Alloy Steel and accurately machined to size, properly heat treated, tempered and hardened. Compression ball on the Mandrel or Driver holds Collar securely. In the assortment of sizes below and in the adjoining column will be found Bushing Collars suitable for practically every purpose ranging from the smallest Bushings to the largest used on cars and tractors.

Bushing Collars

No.	Mandrel Size	Inside Diameter	Outside Diameter	Price
162A		½"		$0.40
162B				.40
162C				.40
162D				.45
162E				.45
162F				.45
163A				.60
163B			1"	.60
163C				.60
163D				.60
163E		1"		.70
163F				.70
163G				.70

No. 162M — Mandrel for Bushings listed above. Length 6¾" ..... Price $1.25
Weight ½ lb.

No. 163M — Mandrel for Bushings listed above. Length 6¾" ..... Price $1.50
Weight ¾ lb.

Standard Set

This set is illustrated above and contains the thirteen Bushing Collars listed above, together with both the and Mandrel in a suitable metal box.

No. 165 — Standard Bushing Driver Set ... Price $10.50
Weight 4½ lbs.

Small Range Set

This set includes the six Collars listed above that have drive, together with the Mandrel in suitable metal box.

No. 162 — Small Range Bushing Driver Set ... Price $4.80
Weight 2¼ lbs.

Medium Range Set

This set contains the seven Collars listed above that have ⅜" drive, together with the ⅞" Mandrel packed in suitable metal box.

No. 163 — Medium Range Bushing Driver Set ..... Price $7.00
Weight 3½ lbs.

Heavy Duty

No.	Mandrel Size	Inside Diameter	Outside Diameter	Price
167A	1⅛"	1⅜"	1⅞"	$0.75
167B	1⅛"	1¼"	1½"	.75
167C	1⅛"	1⅝"	1⅞"	.75
167D	1⅛"	1⅜"	1⅝"	.85
167E	1⅛"	1⅞"	1⅞"	.85
167F	1⅛"	1½"	1¾"	.85

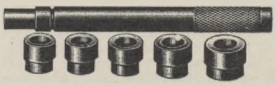
No. 167M — 1⅛" Mandrel for Collars listed above ..... Price $2.00
Weight 2 lbs.

Heavy Duty Set

This set contains the six Collars described above, together with the Heavy Duty 1⅛" Drive Mandrel, packed in suitable metal box.

No. 167 — Heavy Duty Bushing Driver Set ... Price $7.80
Weight 5½ lbs.

Bushing Punch Set



This set is made from special analysis steel, heat treated and hardened. For easily removing and replacing bushings without damage. Set comes complete with Punch, 7½" long, diameter and nose diameter and the five Bushings listed below in carton.

No. 160 — Set with 5 Bushings ..... Price $2.00
Weight 1¼ lbs.

Inserts for Bushing Set



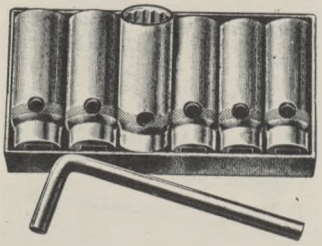
Additional Bushings for set described above can be furnished (see illustration for explanation of diameters). Dimension "A" is approximately .01 undersize.

No.	Diameter A	Diameter B	Length	Price
161-23*			⅞"	$0.30
161-24			⅞"	.30
161-25**			⅞"	.30
161-28		1"	⅞"	.30
161-32	1"		⅞"	.30

*Fits Chevrolet and Pontiac, 1927-34.
**Fits Ford A, B and V8.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Spark Plug Sockets



For such cars as late models of Buick, Nash, Pontiac, Willys-Knight, etc., Extra Deep (3¼") Thin Wall Sockets are required to service Spark Plugs. The popular 12 Point broaching combined with the strength of Chrome Vanadium Steel used in these Sockets allows many applications in general automotive repair work. ½" square drive ends make them interchangeable with all standard handles and fittings. Duplex triple plated finish with polished ends.

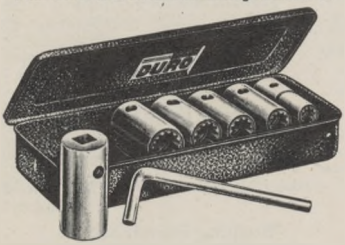
Socket No.	Socket Size	Spark Plugs Hex.	Spark Plugs Thread	Max. Diam.	Price
1418	9/16"	9/16"	10 mm. AC	5/8"	$1.00
1422	11/16"	11/16"	10 mm Champ.	7/8"	1.10
1427	13/16"	13/16"	14 mm	1 1/16"	1.20
1429	7/8"	7/8"	18 mm	1 1/16"	1.35
1430	15/16"	15/16"	7/8"-18	1 1/4"	1.50
1432	1"	1"	18 mm	1 5/16"	1.60
1436	1 1/16"	1 1/16"	7/8"-18 and 18 mm	1 1/2"	1.95

No. 1406 — Six Extra Deep Spark Plug Sockets like above, sizes 9/16", 5/8", 13/16", 7/8", 15/16" and 1 1/16" will fit nearly all cars including late models with 10 mm spark plugs. Packed in carton.....Price $8.10
Weight 3 lbs.

No. 1409 — Five Extra Deep Spark Plug Sockets, sizes 5/8", 11/16", 13/16", 7/8" and 1 1/16" in a carton.....Price $6.60
Weight 2¾ lbs.

No. 1404 — Four Extra Deep Spark Plug Sockets, sizes 5/8", 13/16", 7/8" and 1 1/16" in a carton.....Price $5.50
Weight 2¼ lbs.

Selected Steel Extra Deep Sockets



For Spark Plugs, Body Bolts, Etc.

These Extra Deep Sockets, while especially adapted to be used on spark plugs, are used on body bolts, shackles and many other places where long sockets are desirable. Made from Special Carbon Manganese Steel, heat treated, tempered and hardened. Heavily cadmium plated, 3¼" long, with ½" square drive.

No. 9996M — Set of Six Sockets listed below with Handle as illustrated above in Metal Box, Price $5.65
Weight 4¾ lbs.

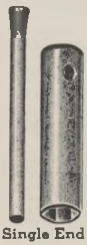
No. 9996F — Set of Six Sockets as above except in carton.....Price $4.75
Weight 4 lbs.

Socket No.	Socket Size	Spark Plugs Hex.	Spark Plugs Thread	Price
9968	9/16"	9/16"	10 mm. AC	$0.60
9972	11/16"	11/16"	10 mm.Champ.	.70
9977	13/16"	13/16"	14 mm.	.75
9979	15/16"	15/16"	18 mm.	.80
9982	1"	1"	18 mm.	1.00
9986	1 1/16"	7/8"		1.10

No. 9995 — Set of first five Sockets listed above in Carton.....Price $3.65
Weight 2 lbs.

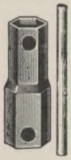
No. 9994 — Set of first four Sockets in Carton.....Price $2.85
Weight 1½ lbs.

Drawn Steel Spark Plug Wrenches



Single End

These cadmium plated drawn steel Wrenches are recommended for their thin walls, strong construction and low cost. The list below covers Wrenches for all popular types of spark plugs. In cartons with Cross Bar.



Double End

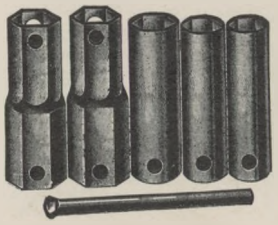
DOUBLE END

No.	Openings	Hex. Spark Plug Sizes	Price
877	9/16" x 11/16"	10 mm. A.C. and Champ.	$0.45
871	11/16" x 13/16"	13/16" (14 mm.) and 7/8" (18 mm.)	.45
872	13/16" x 15/16"	7/8" (18 mm.) and 1" (18 mm.)	.45
873	13/16" x 1 1/16"	7/8" and 1 1/16"	.45
874	15/16" x 1 1/16"	15/16" and 1 1/16"	.45

SINGLE END

No.	Wrench Opening	Spark Plug Hex. Size	Price
861	13/16"	13/16" (14 mm.)	$0.45
862	15/16"	7/8" (18 mm.)	.45
864	1 1/16"	1" (18 mm.)	.45

Spark Plug Wrench Set



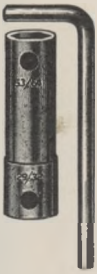
A complete range of drawn steel Wrenches with Cross Bar. Set contains Nos. 703, 704, 861, 862 and 864.

No. 870-6F — Spark Plug Wrench Set .....Price $2.25

Weight 2 lbs.

Extra Long Heavy Duty Spark Plug Wrenches

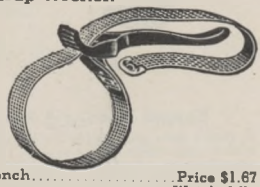
Double End 4" Deep Spark Plug Wrenches are especially designed for such cars as Buick, Nash, Willys-Knight, etc. Machined from solid bar, special analysis steel with Cross Bar as illustrated.



No.	Wrench Openings	Spark Plug Size	Price
54	11/16" x 1 1/16"	1/2" and 1" (18 mm.)	$1.20
55	11/16" x 1 1/16"	9/16" and 1 1/4"	1.20
56	11/16" x 11/16"	9/16" (14 mm.) and 1/2 (18 mm.)	1.20

Weight 11 oz.

Strap Wrench

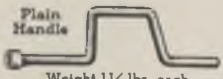


For removing hub caps, lamp rims, radiator caps, etc. Handle strong malleable iron, 9" overall, extra heavy woven strap 34" long. Has removable pin to replace straps.

No. 645 — Strap Wrench.....Price $1.67
Weight 1 lb.

No. 645S — Replacement Strap of extra heavy woven material 34" long.....Price, each $0.70

Rim Wrenches



Weight 1¼ lbs. each

Heavy ½" Handles. Sockets forged extra deep from solid bar steel. 15½" long. Heavily cadmium plated or black baked enamel.

Plated			Enameled	
No.	Price	Hex. Size	No.	Price
626	$0.60	5/8"	626B	$0.55
627	.60	11/16"	627B	.55
628	.60	3/4"	628B	.55
629	.60	13/16"	629B	.55
654	.60	7/8"	654B	.55

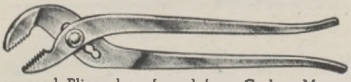


Rim Wrenches with Speeder Handles

Solid one piece Wrenches, with revolving knurled handles, made of ½" steel with extra deep forged sockets.

No. 0626 — Hexagon 5/8" Socket.....Price $0.83
No. 0627 — Hexagon 11/16" Socket.....Price .83
No. 0628 — Hexagon 3/4" Socket.....Price .83
No. 0629 — Hexagon 13/16" Socket.....Price .83
No. 0654 — Hexagon 7/8" Socket.....Price .83
Weight 1½ lbs. each

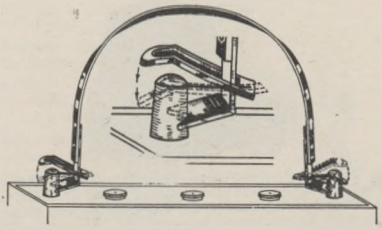
Carbon Manganese Steel Water Pump Plier



A very good Plier, drop forged from Carbon Manganese Steel, cadmium plated. Five adjustments with range of openings from ¾" to 1⅞".

No. 2103 — Carbon Manganese Steel Water Pump Plier.....Price $0.92
Weight 8 oz.

Super Quality Safety Battery Lifters



The two Battery Lifters listed below are of the same general construction, the only difference being their length. The insert shows the safety locking feature that grips the battery posts firmly. The strap is extra heavy, rubberized acid resisting fabric. A quality tool that will be appreciated by anyone handling batteries.

SHORT TYPE

No. 788 — Short Type Battery Lifter for Batteries Where Cells are assembled side by side...Price $0.68
Weight 6 oz.

LONG TYPE

No. 789 — Long Type Battery Lifter for Batteries Where Cells are assembled end to end....Price $0.70
Weight 7 oz.

Battery Pliers



This Plier is designed to provide positive gripping of badly corroded or mutilated battery terminal nuts.
The convenient angle of the jaws as well as the shape makes it possible to use this Plier in many positions that are inaccessible to many tools. Curved and hand-fit handles eliminate pinching the palm of the hand. Triple plated, satin finish, length 8".

No. 2115 — Chrome Vanadium Steel Battery Plier.....Price $1.70
Weight 8 oz.

To meet the demand for a Battery Plier at a moderate price this number is similar to above but forged from Carbon Manganese Tool Steel. Cadmium plated.

No. 2116 — Carbon Manganese Tool Steel Battery Plier.....Price $0.83
Weight 8 oz.

Spark Plug Hole Rethreader

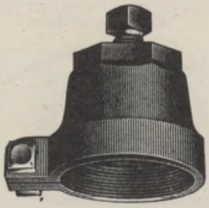


In aluminum heads which are universally used, threads are so easily damaged, stripped, clogged or crossed, that it is necessary to have some convenient method for repairing the damage.
This tool will take care of both 14 mm. and 18 mm. threads. Hexagon body allows turning of same with Wrench in spark plug hole. Chrome Vanadium Steel, heavily plated.

No. 1814 — Spark Plug Hole Rethreader...Price $2.05
Weight ¼ lb.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Chevrolet "4" Wheel Puller



This heavy malleable Wheel Puller screws on Chevrolet 1924-28 hubs and will also fit ALL FORD T TON TRUCKS UP TO AND INCLUDING 1928. Has split side with clamping bolt. The pulling screw is heavy and hardened. Baked enamel finish.

No. 45 — Chevrolet "4" Wheel Puller..... Price $1.50
Weight 1½ lbs.

Chevrolet "6" Wheel Puller



A Yoke type puller for all Chevrolet Six cars, both wire and disc wheels. Very substantially made, yoke is malleable iron especially selected for its tensile strength, the set screw is extra large, heat treated, tempered and hardened steel, baked enamel finish. Fully guaranteed for both quality and service.

No. 46 — Chevrolet "6" Wheel Puller..... Price $1.70
Weight 2½ lbs.

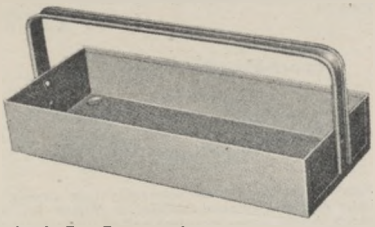
Chevrolet Spindle Bushing Tool



Strong, tempered and hardened steel tool, designed for removing and replacing Chevrolet Spindle Bushings. It can be used without the collar on spring bushings of all 1925 to 1929 cars, on brake bushings on all 1927-29 as well as on starter housing bushings on all models up to 1933 Chevrolet cars.

No. 150 — Chevrolet Spindle Bushing Tool ..Price $0.83
Weight 13 oz.

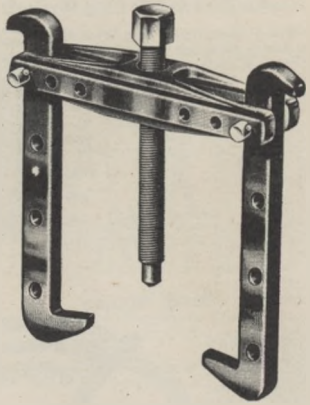
Mechanics' Tote Tray



This handy Tote Tray provides a convenient container to carry the most necessary tools. Made of heavy gauge steel with welded corners and folding handle. Size 19"x 7", 3" deep. Baked gray enameled finish.

No. 9909 — Fixers' Tote Tray.....Price $2.50
Weight 4 lbs.

Heavy Duty Gear Puller



Forged Head and Reversible Arms

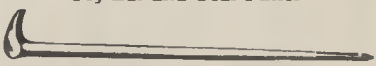
A sturdy gear puller with a wide range of uses as well as a very wide range of adjustments. The arms as well as the cross head are drop forged steel, giving maximum strength. The long screw is of hardened steel and has an extra long bearing in the cross head.

Quick Action Adjusting Pins

The quick action adjusting pins which are held in the head by means of friction balls allows the reversing or adjusting of the arms with minimum trouble. Arms 8" long with four adjustments, cross head 7" long with adjustments ranging from 3" to 6".

No. 255 — Heavy Duty Gear Puller.....Price $6.50
Weight 5 lbs.

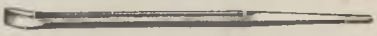
Pry Bar and Gear Puller



On account of the design of the head of this bar, which has a ground point, it has so many uses as to be indispensable in any shop. Used for loosening cylinder heads, gears, bearings, bushings, bolts, retainers, etc. 15" long, made from Chrome Vanadium Steel, heat treated with heavy plating and polished head. The pointed end is especially valuable in alignment work.

No. 1989 — Pry Bar and Gear Puller.....Price $2.10
Weight 1 lb.

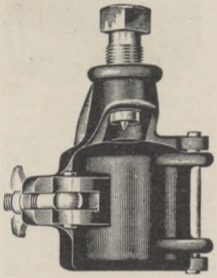
Jimmy Pry Bars



No.	Width Bit	Length	Size Stock	Price
1980	11/16"	12"	½"	$1.25
1981	1"	16"	⅝"	1.95
1982	1⅛"	20"	¾"	2.70

Weight ¾, 1⅛, 2 lbs.

Ford "A," "B" and "V8" Wheel Puller Heavy Duty Type



This closed or gate type Wheel Puller for Model "A," "B" and all "V8" cars is a tool that will be appreciated by both the mechanic and car owner. Cannot slip off or damage threads. Heavy malleable body with large hardened pulling screw.

No. 51 — For Ford "A," "B," and "V8" models "60" and "85," 1929 to 1939 inclusive...Price $2.30
Weight 2¾ lbs.

Open Type Wheel Pullers

For Ford Passenger Cars and Trucks



A heavy malleable open type Wheel Puller with hardened steel screw that is especially designed for the different model Ford cars and trucks shown below. A very sturdy, satisfactory tool for the car owner or the mechanic. Baked enamel finish. Note the four different models listed below and specify the proper number.

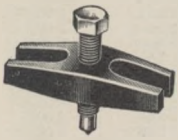
No. 49 — For 1929-31 Ford "A," "B" and all "V8" including 1938.....Price $1.35

No. 48 — For 1928 Ford "A".....Price $1.35

No. 44 — For 1929 Ford "AA" Truck.....Price $2.00

No. 43 — For Ford "AA" 1930-31 and Ford "TT" Trucks, Pontiac 1927, Chevrolet 4, 1926-27-28 Wood, Wire and Disc Wheels, screw cap type, not illustrated.....Price $2.00
Weight 2¼ lbs.

Gear Puller

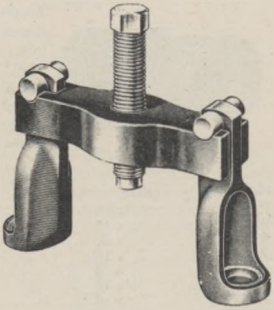


A conventional open end type Gear Puller made from heavy malleable iron with hardened steel pulling screw. Slots enable adjustment of pulling studs from 2" to 4½". A very convenient as well as necessary tool for timing gears, generators, etc. Body, baked enamel finish.

No. 251 — Gear Puller.....Price $1.27
Weight 1½ lbs.

Universal Adjustable Hub Puller

Two Prong Stud Type

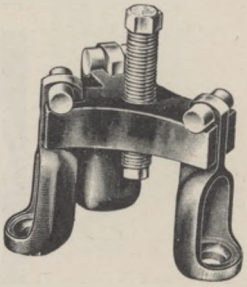


For passenger cars and trucks having wheels with 4, 6 or 8 studs. Specially designed heavy malleable iron construction with extra large pulling screw, heat treated, tempered and hardened steel. Baked enamel finish.

No. 258 — 2 Prong Universal Hub Puller....Price $2.67
Weight 4¼ lbs.

Universal Adjustable Hub Puller

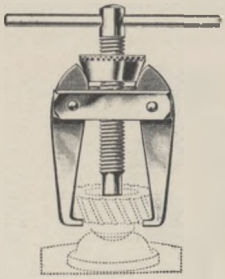
Three Prong Stud Type



Similar to above number, however, having three prongs for wheels with five studs.

No. 259 — 3 Prong Universal Hub Puller....Price $3.00
Weight 5 lbs.

Gear Pullers



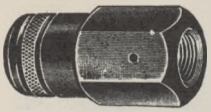
Every mechanic and shop should have these two positive grip Gear Pullers. The smaller one which has a maximum spread between points of 1⅞" is especially good for battery terminals, small gears and bearings. The larger one has a maximum opening of 3½". Heavy cadmium plating.

No. 252 — 1⅞" Gear Puller.....Price $1.67
Weight ¾ lbs.

No. 253 — 3½" Gear Puller.....Price $2.42
Weight 1¼ lbs.

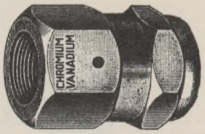
MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Standard Knock-Outs



Accurately machined from special analysis steel, heat treated, tempered and hardened. Provided with vent that prevents cushioning on end of axle. These are exceptional values at attractive prices.

Chrome Vanadium Steel Knock-Outs



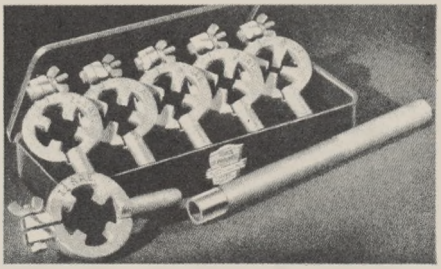
A quality tool in every respect. Made from Chrome Vanadium Steel, electrically heat-treated, accurately machined in a convenient design and with vent hole to prevent possible damage to axle.

Average weight, 12 oz. each

No.	Size	Price	No.	Size	Price
KO-20	5/8" x 18	$0.35	KO-120	5/8" x 18	$1.00
KO-24	3/4" x 16	.35	KO-124	3/4" x 16	1.10
KO-24C	3/4" x 20	.35	KO-124C	3/4" x 20	1.10
KO-26	13/16" x 16	.35	KO-126	13/16" x 16	1.10
KO-28	7/8" x 14	.38	KO-128	7/8" x 14	1.20
KO-28B	7/8" x 18	.38	KO-128B	7/8" x 18	1.20
KO-32	1" x 14	.40	KO-132	1" x 14	1.35
KO-36	1 1/8" x 12	.80	KO-136	1 1/8" x 12	1.70
KO-40	1 1/4" x 7	.80	KO-140	1 1/4" x 7	2.15
KO-A40	1 1/4" x 12	.80	KO-A140	1 1/4" x 12	2.15

Complete Wheel Puller Charts furnished on request

Axle Rethreading Tools



In this set are included six popular SAE Rethreaders, sizes 5/8", 3/4", 7/8", 1", 1 1/8" and 1 1/4", together with Handle. Packed in substantial hinged cover metal box.

No. 470 — 7-Piece Rethreader Set ..... **Price $13.35**
Weight 6 3/4 lbs.

No. 479 — 10" Tubular Handle for use with Rethreader Tools ..... **Price $1.20**
Weight 10 oz.



Especially designed for restoring battered or damaged threads on car axles. Drop forged and accurately machined, insuring precision work as well as maximum utility. The split construction with thumb nut adjustment, as well as the quickly removable and interchangeable handle, makes these tools most desirable by the mechanic.* Heavily plated with polished ends.

No.	Size	Threads per Inch	Price
471	5/8"	18 SAE	$2.00
472	3/4"	16 SAE	2.00
*472A	3/4"	*20 Spec.	2.00
**473	3/4"	**16 Spec.	2.00
474	7/8"	14 SAE	2.00
†474A	7/8"	†18 Spec.	2.00
475	1"	14 SAE	2.00
476	1 1/8"	12 SAE	2.00
477	1 1/4"	12 SAE	2.00
††477A	1 1/4"	7 USS	2.00

*Terraplane; **Chev. Late '32; †Hudson-Essex; †† International Truck.
Weight 11 oz.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

DURO-CHROME Gear Pullers

The Full Forged Chrome Vanadium Steel Gear Pullers illustrated will meet nearly every need of the mechanic. They are properly shaped and balanced so as to grip firmly without slipping.

They are designed for rugged, heavy duty work within their capacity, they are heavily plated with polished ends. The extra strength engineered into these tools provides that safety margin so desirable in tools of this type.

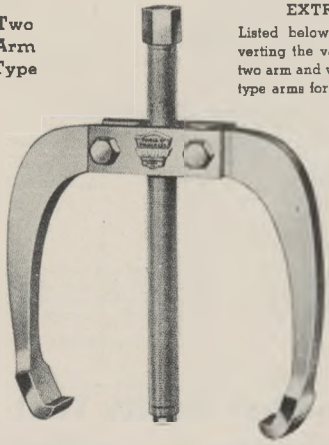
Two Arm Type

The Two Arm Type Gear Pullers listed and illustrated below have identical arms with the three arm type listed in adjoining column. They can be converted to the three arm type by the addition of one arm and the three arm head.

Three Arm Type

The Three Arm Type Gear Pullers listed and illustrated below have identical arms with the two arm type listed in the adjoining column and can be converted to the two arm type by the addition on the two arm head only.

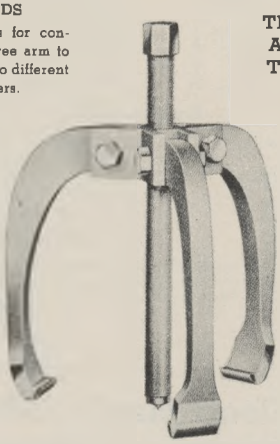
Two Arm Type



EXTRA ARMS AND HEADS

Listed below are heads and arms for converting the various pullers from three arm to two arm and vice versa. Also are two different type arms for the first two size pullers.

Drop Forged Chrome Vanadium Steel



Three Arm Type

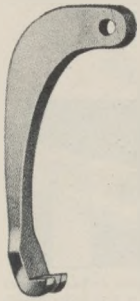
TWO ARM TYPE

No.	Length Under Head	Spread	Length Screw	Price
2326	3″	6″	5″	$ 6.70
2328	5½″	8″	8″	13.40
2329	8 ″	9″	12″	26.70

THREE ARM TYPE

No.	Length Under Head	Spread	Length Screw	Price
2336	3″	6″	5″	$9.80
2338	5½″	8″	8″	18.00
2339	8 ″	9″	12″	36.70

Weights: 2326 — 2½ lbs; 2328 — 4¾ lbs; 2329 — 7¾ lbs; 2336 — 3¼ lbs; 2338 — 6 lbs; 2339 — 10 lbs.



Arms and Heads for Gear Pullers

Arms

No.	Description	Price Each
2326A	Arm for 2326	$1.40
2326AN	*Narrow Arm for 2326	1.40
2328A	Arm for 2328	2.90
2328AC	†Claw Arm for 2328	2.90
2329A	Arm for 2329	7.70

Heads

No.	Description	Price Each
2326H	Head for 2326	$2.90
2328H	Head for 2328	5.60
2329H	Head for 2329	9.00
2336H	Head for 2336	5.10
2338H	Head for 2338	7.60
2339H	Head for 2339	11.80

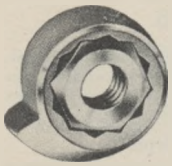


Note: Arms are interchangeable as follows 2336 with 2326; 2338 with 2328; 2339 with 2329.

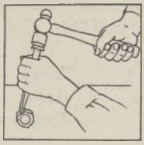
* ⅜″ wide, the regular are ¾″ wide, illustrated at right.

† Have Claw shaped foot as illustrated at left.

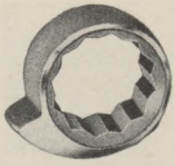
MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS



The Wrong Way



DURO-CHROME
Nut Starters



The Correct Way



When a nut is "frozen" or in extremely close quarters very frequently it is impossible to reach them with a regular Wrench or apply sufficient leverage to start or tighten them. Every mechanic will appreciate the usefulness of these "Nut Starters." Prevents damage or breakage of nut which occurs when chisel is used.

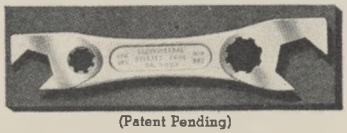
Forged from Chrome Vanadium Steel, accurately machined to proper sizes, heat treated and tempered. Triple plated and with polished faces.

American Sizes			Whitworth (British) Sizes		
No.	Size	Price	No.	Size	Price
2612	1/8"	$0.60	2622W	1/8" Whit.	$0.60
2614	7/16"	.60	2629W	3/16" Whit.	.70
2616	1/2"	.65	2634W	1/4" Whit.	.70
2618	9/16"	.70	2639W	5/16" Whit.	.70
2620	5/8"	.70	2646W	3/8" Whit.	.70
2622	11/16"	.70	2653W	7/16" Whit.	.90
2624	3/4"	.75	2660W	1/2" Whit.	.95
2626	13/16"	.80	2665W	9/16" Whit.	1.00
2628	7/8"	.85	2671W	5/8" Whit.	1.05
2630	15/16"	.90	2678W	11/16" Whit.	1.10
2632	1"	.95			
2634	1 1/16"	1.10			
2636	1 1/8"	1.10			
2640	1 1/4"	1.20			

Electrician's Thin-Wall Conduit Utility Tool



Tightens Nuts on Junction Boxes and Couplings.



(Patent Pending)



Removes inside burrs allowing full, smooth opening.

Indispensable in thin wall conduit work. With two of these tools you can tighten nuts on couplings, remove burrs from conduit, ream for a smooth edge, and tighten nut at outlet box. No other tools needed for all these operations. Will fit both 1/2" and 3/4" thin wall conduit fittings.

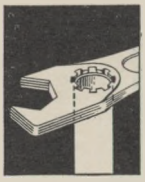
No reaching for another tool; no adjusting Wrench to proper size; no slipping — tool is sure to fit; light in weight, easy to handle; shaped to fit those hard-to-get-at places.

The Wrench ends will fit all locking nuts 15/16" and 1 3/16" hexagons used with 1/2" and 3/4" thin wall conduit. As one electrician put it, " . . . with two of these Wrenches and a Hack Saw, I can erect thin wall conduit all day."

Drop forged from selected steel. Heat treated and tempered. Heavily plated with polished heads. Packed 12 to a Display Carton.



Shape permits use in hard-to-get-at places.

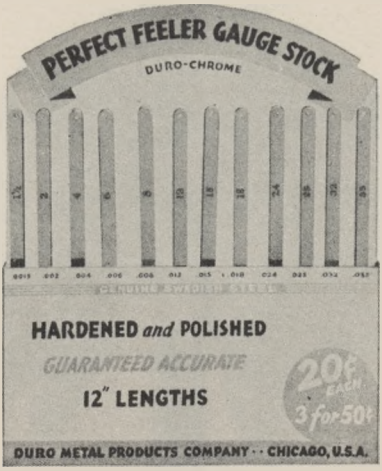


Removes outside burrs leaving smooth, clean edges.

No. 2000—Electrician's Thin Wall Conduit Tool. Price $1.85
12 to a Display Carton. Weight 5 lbs. per dozen.

Genuine Swedish Steel Feeler Gauges

No More Expensive Than Roll Stock and More Convenient



A Real Merchandiser That Sells 12-Inch Lengths Bulk Stock

Realizing the necessity for dependable accuracy, Selected Swedish Steel is used in all Duro-Chrome Feeler Gauges. This Steel is scientifically hardened, ground and tested not only to insure accuracy but also to give dependable long service. The two-color Display illustrated includes one dozen Blades of twelve different thicknesses (144 Blades in all) to take care of practically every requirement. Thicknesses .0015, .002, .004, .006, .008, .013, .015, .018, .024, .025, .032, .035.

No. 230 — Feeler Gauge Display with 144 Blades.....**Price $48.00**
Weight 5 lbs.

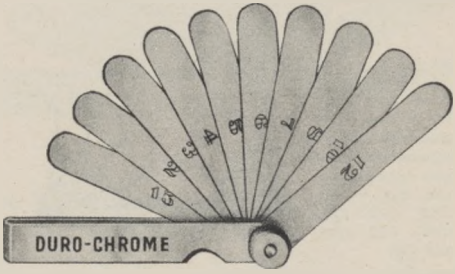
Refills for Display packed 12 one size to envelope

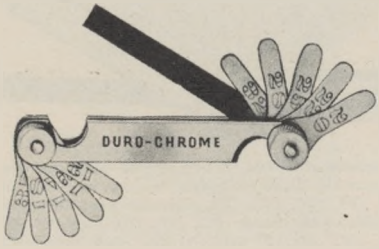
No. 205 — Package 12 (specify thickness) Feeler Gauges.....**Price $4.00**
Weight 3 oz.

Standard Feeler Gauge

All Duro-Chrome Feeler Gauges have the outstanding feature of the Thumb Locking Nut by means of which any selected blade may be held firmly in position while the other blades are held in the handle. This Gauge has 10 Blades 3¼" long, each one marked with thicknesses as follows: .002, .003, .004, .005, .006, .007, .008, .010, .012 and .015.

No. 210 — Standard Feeler Gauge.....**Price $1.25**
Packed six to a carton. Weight per carton ¾ lb.





Ignition Gauge With File

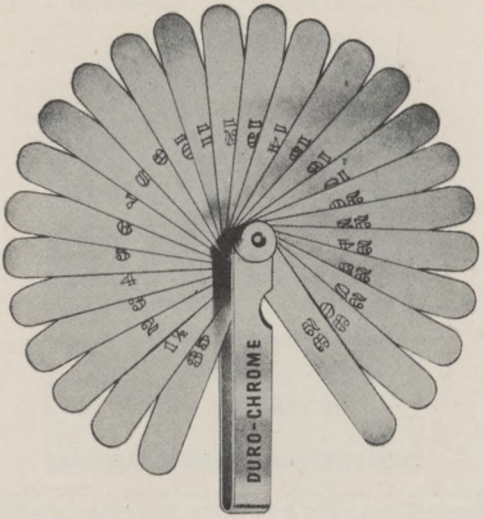
This Gauge is very popular with mechanics working on ignition, distributor points and spark plugs. Has high grade Ignition File as well as ten 1½" Blades, thicknesses as follows: .012, .013, .014, .018, .020, .022, .025, .028, .032 and .035.

No. 211 — Ignition Gauge with File.....**Price $1.65**
Packed six to a carton. Weight per carton ¾ lb.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Master Feeler Gauge

25 Blades With Thumb Lock Nut



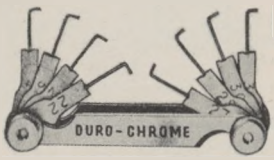
Genuine Swedish Steel Tempered Ground Hardened

In the Master Feeler Gauge is a complete range of sizes. The 3¼" Blades range from .0015 to .035. Like all Duro-Chrome Feeler Gauges, it is equipped with the thumb locking nut. Thicknesses as follows: — .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .018, .020, .022, .024, .025, .028, .030, .032 and .035.

No. 225 — Master Feeler Gauge ..... **Price $3.30**
Packed 6 to a carton. Weight per carton 1⅓ lbs.

Spark Plug Gauge

A new type Gauge for spacing spark plug gaps. Round wire gauges permit very accurate setting. Sizes:— .022, .025, .027, .028, .030, .032, .035, and .040.



No. 208 — Spark Plug Gauge ..... **Price $1.65**
Packed 6 to a carton. Weight per carton ½ lb.

General Purpose Gauge with File

Locking Thumb Nut

A combination Gauge for both ignition and tappet work; 10 short 1½" Blades for ignition, thicknesses:— .012, .013, .014, .018, .020, .022, .024, .025, .028 and .032; 10 long 3½" Blades, thicknesses: .002, .003, .004, .005, .006, .007, .008, .010, .013 and .015; plus high grade Ignition File.

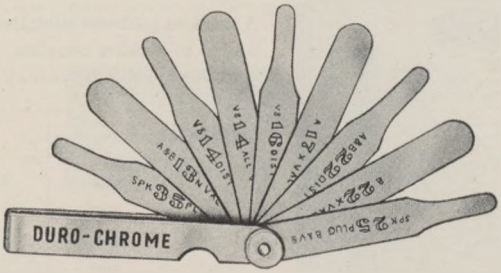
No. 220—General Purpose Gauge with File . . **Price $2.50**
Packed 6 to a carton. Weight per Carton 1 lb.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

Gauges for Ford — Chevrolet — Brake Setting

For Ford Cars

Genuine Swedish Steel



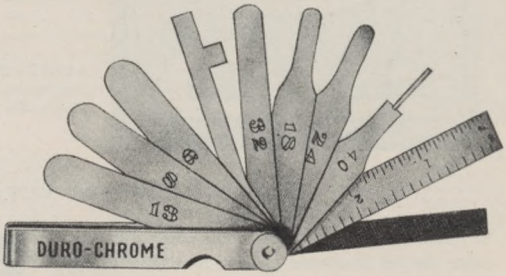
With Locking Nut

For the mechanic working on all Ford cars this Gauge will be found very convenient. Each of the nine blades is marked with both the thickness as well as the purpose for which it is used. Ends of blades have been ground very accurately. Takes care of the fine adjustments necessary to the satisfactory operation of all Ford cars.

No. 218 — Gauge for Ford cars ..... Price $1.65
Packed 6 to a carton. Weight per carton ¾ lb.

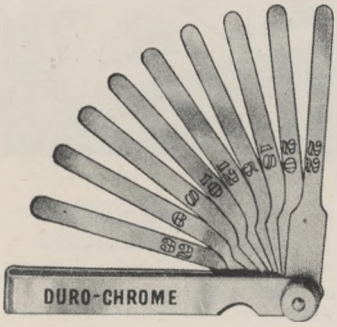
For Chevrolet Cars

This Gauge especially designed for Chevrolet cars has eight Blades, 3" Scale and Ignition Point File. This includes also Float Level Gauge, Gauge for valve setting and Spark Plug Gauge. Every Chevrolet mechanic needs this tool.



No. 219 — Gauge for Chevrolet Cars ..... Price $1.65
Packed 6 to a carton. Weight per carton ¾ lb.

For Setting Brake Shoes

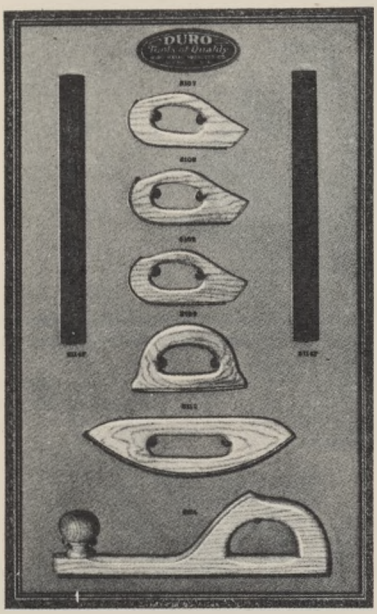


A Brake Shoe Gauge of new design. In the modern car nothing is more important than the proper setting of brake clearances. The narrow blades on this tool allow the proper setting which the wider blades do not permit. The nine 3¾" Blades are the following sizes: .006, .008, .010, .012, .015, .018, .020, .022, .032. This new tool should be used by every mechanic who adjusts brakes.

No. 209 — Gauge for Brake Shoe Setting ..... Price $1.65
Packed 6 to a carton. Weight per carton ¾ lb.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME File and Holder Display



A standard gold and black Duro Board, 19"x 31", with 2 each of Handles complete with Files as illustrated, together with 10 additional 14" Files.

Quantity	No.	Description
2	8106	Radius File
2	8107	7" Flat Revel
2	8108	7" Moulding Revel Concave
2	8109	7" Shell Revel Convex
2	8112	12" Half Circle Convex
2	8114	14" Flat File
10	8114F	14" Flat Files only

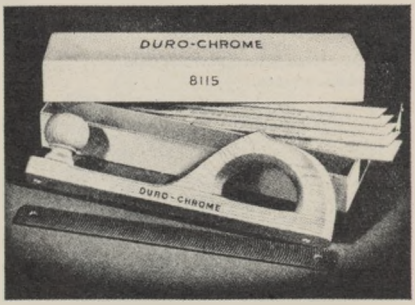
No. 1931-22FD — File and Holder Display complete as described above ..... Price $79.60●
Weight 30 lbs.

NOTE: The Net Price on Board only is $4.50. There is no charge for the Board when the complete assortment as listed above under No. 1931-22FD is purchased.

Sell 6 Files and Give Holder Free

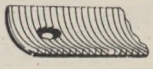
In order to introduce these high grade Files, we offer the set illustrated below, consisting of one No. 8114H Holder and six No. 8114F Files. These patented Files with eight milled curved teeth to the inch have been found by actual test superior for many purposes to Files of other types. Many users of body files purchase several at one time. They only have to buy six to get the holder free in package as illustrated at the right.

No. 8115 — Kit containing Handle No. 8114H and six Files No. 8114F..... Price $21.30●
Weight 5½ lbs.




Flat


Convex


Concave

● These Tools Are Not Subject to Regular Discount. Refer to Price Sheet.

See opposite page for these Files.

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

DURO-CHROME Files and Holders

When it comes to Files the best is the cheapest. This type File is the type used by the auto manufacturing industry where workmanship and File cost are so important. The best auto body mechanics highly recommend these Files to anyone doing body work. All handles fit the blades properly and are also designed for proper and comfortable hand grip. Made from selected seasoned hardwood and smoothly finished.

14" Flat File and Holder

Patented "U-Shaped" Groove



Provides Maximum Clearance

Patent No. 2,087,483

This Holder is the one most universally used by all body workers. The grip and ball are properly shaped and placed to give balance when in use. The 14" Double Face File is of patented design and will delight the most exacting mechanic by its smooth cutting qualities and long life.

No. 8114 — 14" File and Holder Complete as illustrated ..... Price $6.05 ● Weight 1½ lbs.

No. 8114H — Holder only for above ..... Price $2.50 ● Weight ¾ lbs.

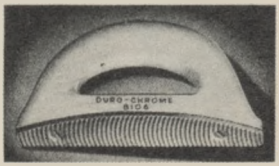
No. 8114F — File only for above ..... Price $3.55 ● Weight ¾ lbs.

Half Circle Convex File



The Half Circle Convex File and Holder illustrated at the left has 12" convex single faced blade while the Radius File and Holder on the right has a 6" Double Faced Blade giving double life.

Radius File



No. 8112 — Half Circle Convex File and Holder complete as illustrated ..... Price $4.65 ● Weight ¾ lb.

No. 8112H — Holder only for above ..... Price $1.65 ● Weight ½ lb.

No. 8112F — File only for above ..... Price $3.00 ● Weight ¼ lb.

No. 8106 — Radius File and Holder complete as illustrated ..... Price $4.55 ● Weight ½ lb.

No. 8106H — Holder only for above ..... Price $1.25 ● Weight ¼ lb.

No. 8106F — File only for above ..... Price $3.30 ● Weight ¼ lb.

SHAPED FILES

FLAT — CONVEX — CONCAVE







7" Flat Revel

No. 8107 — 7" Flat Revel File and Holder as illustrated Price $3.10 ● Weight 6 oz.

No. 8107H — Holder only for above ..... Price $0.60 ● Weight 3 oz.

No. 8107F — File only for above ..... Price $2.50 ● Weight 3 oz.

7" Shell Revel

No. 8109 — 7" Shell Revel File and Holder as illustrated Price $3.10 ● Weight 6 oz.

No. 8109H — Holder only for above ..... Price $0.60 ● Weight 3 oz.

No. 8109F — File only for above ..... Price $2.50 ● Weight 3 oz.

7" Moulding Revel

No. 8108 — 7" Moulding Revel File and Holder as illustrated ..... Price $3.10 ● Weight 6 oz.

No. 8108H — Holder only for above ..... Price $0.60 ● Weight 3 oz.

No. 8108F — File only for above ..... Price $2.50 ● Weight 3 oz.

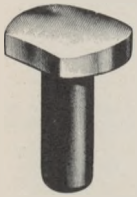
● **These Tools Are Not Subject to Regular Discount. Refer to Price Sheet.**

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Full Forged Selected Steel Body and Fender Tools

In bringing out the Duro-Chrome Full Forged Body and Fender Tools great care was exercised in the design, the selection of the material, which is special analysis steel, as well as the finishing and heat treating of the forgings. These tools have full polished faces with black ebony finish on handles where necessary and have been designed and tested by experts in body and fender work. You can unreservedly recommend these tools to the most exacting mechanic.

Mushroom Type Dolly



This type Dolly is used for crown of fenders and general use and with the round sides and the special shapes will be found very useful.

No. 1520—Mushroom Type Dolly . . . . . Price $4.00

Weight 2¾ lbs.

General Purpose Dolly

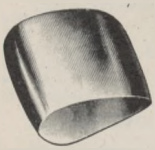


This type Dolly has been universally used by mechanics and on account of the many angles and shapes, is possibly the most popular Dolly made.

No. 1522—General Purpose Dolly . . . . . Price $6.00

Weight 3 lbs.

Utility Dolly

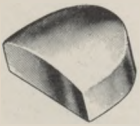


Designed for use on latest type fenders and a variety of curves and angles that would require several of old style dollies.

No. 1521 — Utility Dolly . . . . . Price $5.00

Weight 3 lbs.

Heel Dolly



A comfortable handful of useful dolly block polished on all sides and surfaces for a variety of purposes.

No. 1523 — Heel Dolly . . . . . Price $3.00

Weight 2½ lbs.

Offset Straight Spoon



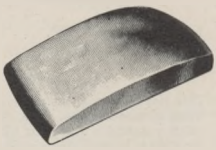
For general repair work and recommended for turret top use.

No. 1515 — Offset Straight Spoon . . . . . Price $4.00

Weight 1¾ lbs.

Toe Dolly

Very adaptable because of many angles, thinness and full polished surface.



No. 1524 — Toe Dolly . . . . . Price $3.30

Weight 2½ lbs.

Wedge Dolly

Particularly adapted for work on turret tops as well as fenders.



No. 1519 — Wedge Dolly. Price $4.00

Weight 3 lbs.

Curved Spoon

For cowls, corner post, prying or driving between fenders.



No. 1514 — Curved Spoon . Price $2.50

Weight 1 lb.

Short Elbow Spoon

Very useful on turret tops and where longer spoons cannot be used.



No. 1516 — Short Elbow Spoon. . . . . Price $4.00

Weight 2¾ lbs.

Long Elbow Spoon

A very useful tool on turret tops, bodies, fenders and contours.



No. 1517 — Long Elbow Spoon. . . . . Price $4.00

Weight 3½ lbs.

DURO-CHROME

Body and Fender Tools

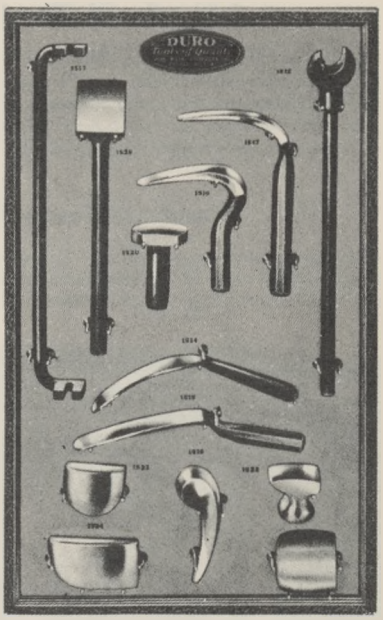
The Display shown contains the Full Forged Fender and Body Tools shown on the opposite page and this page. The Board is our standard size 19"x 31", made of heavy frame and plywood panel. Finished in combination gold and black.

CONTENTS

Quantity	No.	Description
2	1512	Single End Hinge Tool
2	1513	Double End Hinge Tool
2	1514	Curved Spoon
2	1515	Offset Straight Spoon
2	1516	Short Elbow Spoon
2	1517	Long Elbow Spoon
2	1519	Wedge Dolly
2	1520	Mushroom Dolly
2	1521	Utility Dolly
2	1522	General Purpose Dolly
2	1523	Heel Dolly
2	1524	Toe Dolly
2	1525	Long Spoon Dolly

No. 1931-26FT — Duro-Chrome Fender Tool Board with contents as described above ..... **Price $101.80**
Weight 86 lbs.

Note: List price of Board without Tools $15.00. No charge for Board when ordered complete as listed above.

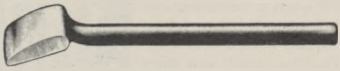


Shadow Board and Tools

Many mechanics wish to purchase complete sets of tools with Board as listed above. The Board is similar to Shadow Board listed on page 72 and contains one each of tools as listed above.

No. 1597 — Set of 13 Dollies and Spoons on Shadow Board as illustrated above .. **Price $65.90**
Weight 40 lbs.

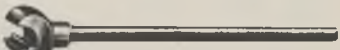
Long Spoon Dolly



A very desirable tool where more weight is required for backing than furnished in the flat type spoons. Length 14" overall, head fully polished. 2½"x 1"x 3".

No. 1525 — Long Spoon Dolly ..... **Price $3.50**
Weight 3½ lbs.

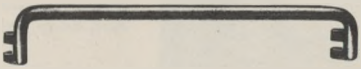
Single End Hinge Tool



Especially adaptable to new type hinges, although adaptable to nearly any type. Slide tool over hinge, either top or bottom, and apply pressure necessary. Should be used in connection with No. 1513 shown below.

No. 1512 — Single End Hinge Tool ..... **Price $4.00**
Weight 4 lbs.

Double End Hinge Tool



For properly straightening door hinges this tool should be used together with No. 1572 shown above. For straddling hinge at point of bend and exerting leverage toward body to avoid loosening screws.

No. 1513 — Double End Hinge Tool ..... **Price $4.00**
Weight 2 lbs.

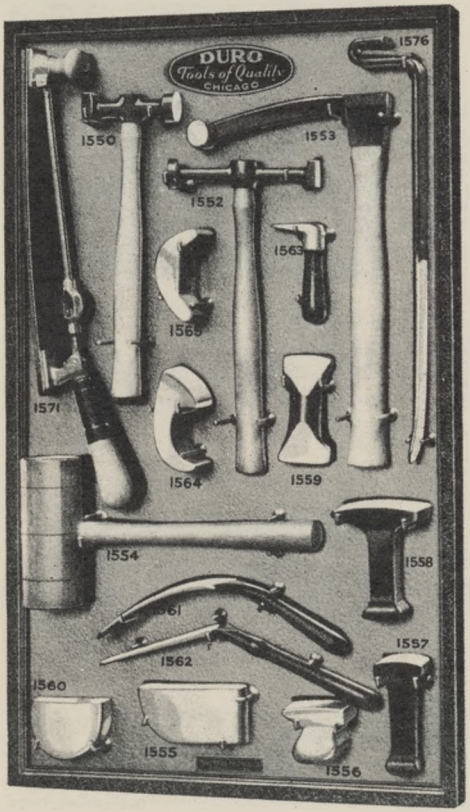
MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Standard Body and Fender Tools

The Dollies and Spoons in our Standard Body and Fender Tools are second only to the Duro-Chrome Tools shown on pages 70 and 71. The semi-steel material is carefully selected, designed and ground. All surfaces are polished where necessary and finished in black, baked enamel on handles, etc. These tools have been used by thousands of mechanics over a period of years with entire satisfaction. We unhesitatingly recommend the "Standard" tools where quality at a reasonable price is desirable.

Standard Fender and Body Tools Display

This Display Board contains the most popular tools used in body and fender repair work. Each tool is held by hooks which allow convenient removing and replacing of same. This Display is for the use of the jobber only to help him sell these tools. The Board is 19" wide and 31" high.



CONTENTS

Quantity	No.	Description
2	1550	Bumping Hammer, 13 oz.
3	1552	Dinging Hammer
2	1553	Fender Bumping Hammer
2	1554	Hickory Mallet
3	1555	Flat or "Toe" Dolly
3	1556	Utility Dolly
3	1557	Small Double End Hand Dolly
3	1558	Large Double End Hand Dolly
2	1559	Bead Dolly
3	1560	Heel Dolly
2	1561	Curved Flat Spoon
2	1562	Flat Long Spoon
2	1563	Fender Spoon
2	1571	Flexible File and Holder
2	1576	Flange Tool
2	1565	Dolly
2	1564	Dolly

No. 1931-40 FT — 40 Piece Fender and Body Tool Display Assortment ..... **Price $76.90**
Weight 94 lbs.

Fender Tool Shadow Board



For the garage or mechanic who wants a convenient way of keeping his Duro fender and body tools, this 19"x 31" attractive black and gold shadow board is available. It not only makes a place to keep the tools but is also a constant reminder to all customers that the shop is fully equipped to do this type of work.

No. 1596—Shadow Board with 17 Fender and Body Tools illustrated at left ..... **Price $43.60**
Weight 49 lbs.

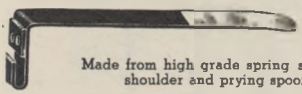
No. 1596A—Shadow Board only without Tools ..... **Price $15.00**
Weight 15 lbs.

Note: List price on Display Boards without any tools is $19.00. The Board is furnished free only with complete assortment as shown.

Standard Quality Fender and Body Tools

All Dollies and Spoons illustrated are special close grain semi-steel, carefully finished.

Flange Tool



Made from high grade spring steel with leather shoulder and prying spoon on ends.

No. 1576 — Flange Tool ..... Price $2.50
Weight 2¼ lbs.

Curved Flat Spoon



Polished wide flat curved blade with black japanned handle.
No. 1561 — Curved Flat Spoon ..... Price $1.35
Weight 1½ lbs.

Flat Long Spoon



Thin polished nose with black japanned handle.
No. 1562 — Flat Long Spoon ..... Price $1.35
Weight 1 lb.

Large Double End Hand Dolly



Convenient for gripping in hand, with two polished heads.
No. 1558 — Large Hand Dolly ..... Price $1.57
Weight 3 lbs.



Small Double End Hand Dolly

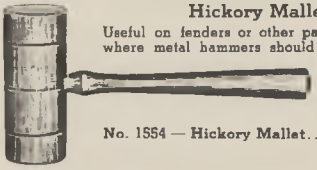
Similar to above except with smaller faces.
No. 1557 — Small Hand Dolly ..... Price $1.00
Weight 1¾ lbs.

Stream Lined Dolly



With full polished surfaces convenient for latest type fenders.
No. 1565 — Stream Lined Dolly ..... Price $1.57
Weight 1¾ lbs.

Hickory Mallet



Useful on fenders or other painted surfaces where metal hammers should not be used.

No. 1554 — Hickory Mallet ..... Price $1.10
Weight 1 lb.

Curved Dolly



With full polished surfaces for latest type fenders and bodies.
No. 1564 — Curved Dolly ..... Price $1.57
Weight 2¼ lbs.

Toe Dolly



With full polished faces. Quite popular with mechanics.
No. 1555 — Toe Dolly ..... Price $1.57
Weight 2½ lbs.

Heel Dolly



With round and flat faces for corner and flat work.
No. 1560 — Heel Dolly ..... Price $1.60
Weight 2¼ lbs.

Utility Dolly



With full polished surfaces convenient for nearly every angle.
No. 1556 — Utility Dolly ..... Price $1.90
Weight 2¼ lbs

Bead Dolly



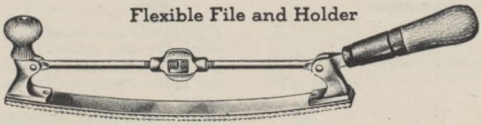
With polished ends for fender beads, cowls, etc.
No. 1559 — Bead Dolly ..... Price $1.10
Weight 1¼ lbs.



Fender Spoon

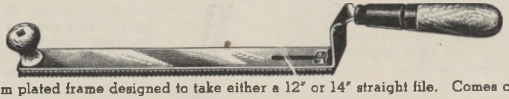
Designed for shaping small places on fenders.
No. 1563 — Fender Spoon ..... Price $0.90
Weight ¾ lb.

Flexible File and Holder



Adjustable either concave or convex. Furnished complete with 14" Flexible File.
No. 1571 — Flexible File and Holder ..... Price $7.20
Weight 2½ lbs.
No. 1571F — 14" File Only for above ..... Price $3.17
Weight ¾ lb.

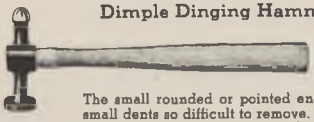
Straight Handle File



A substantial cadmium plated frame designed to take either a 12" or 14" straight file. Comes complete with 14" File.
No. 1570 — Frame and 14" File, Complete ..... Price $6.00
Weight 2½ lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Dimple Dinging Hammer

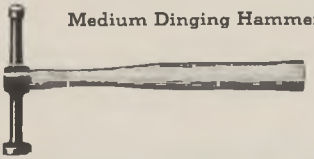


The small rounded or pointed end takes out the small dents so difficult to remove. Head 4" wide. Other end has flat face for regular work. Drop forged, tempered and hardened.

No. 1549 — Dimple Dinging Hammer ..... **Price $2.10**

Weight 10 oz.

Medium Dinging Hammer

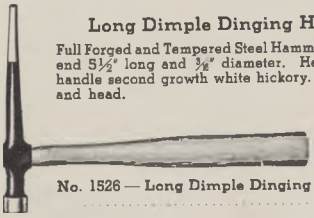


Similar hammer to the one above with head 6" wide.

No. 1539 — Dimple Dinging Hammer ..... **Price $2.50**

Weight 11 oz.

Long Dimple Dinging Hammer

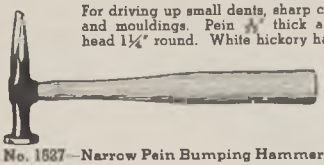


Full Forged and Tempered Steel Hammer with pointed end 5½" long and ⅜" diameter. Head 8" overall, handle second growth white hickory. Polished pein and head.

No. 1526 — Long Dimple Dinging Hammer ..... **Price $3.30**

Weight 9 oz.

Narrow Pein Bumping Hammer

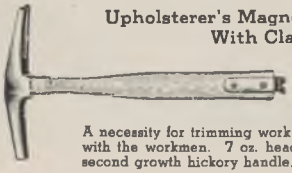


For driving up small dents, sharp corners, beads and mouldings. Pein ⅛" thick and ⅝" wide; head 1¼" round. White hickory handle.

No. 1527 — Narrow Pein Bumping Hammer ..... **Price $3.00**

Weight ½ lb.

Upholsterer's Magnetic Hammer With Claw

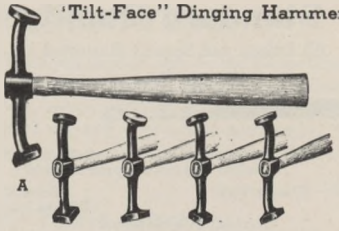


A necessity for trimming work and very popular with the workmen. 7 oz. head, tempered claw, second growth hickory handle.

No. 1529 — Upholsterer's Magnetic Hammer ..... **Price $5.00**

Weight ½ lb.

"Tilt-Face" Dinging Hammers



These "Tilt-Face" Hammers are welcomed by the body mechanic to take care of the many difficult places to reach. Drop forged steel, heat treated and tempered, ground and polished faces, hickory handles. In describing the Hammers below the faces tilt upward when the Hammer is held in the normal position.

No. 1545 — "Tilt-Back" Hammer with both faces tilting back, illustration A ..... **Price $2.20**

No. 1546 — "Tilt-Left" Hammer with both faces tilting left, illustration B ..... **Price $2.20**

No. 1547 — "Tilt-Right" Hammer with both faces tilting right, illustration C ..... **Price $2.20**

No. 1548 — "Tilt-Right-Left" Hammer with one face tilting right, the other left, illustration D ..... **Price $2.20**

All "Tilt-Face" Hammers weigh 13 oz.

Dinging Hammer

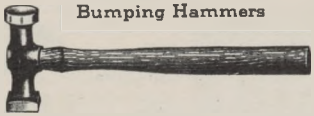


Drop forged steel, heat treated, tempered and hardened, hickory handle, one round and one square face, both polished.

No. 1552 — Dinging Hammer ..... **Price $2.10**

Weight 13 oz.

Bumping Hammers

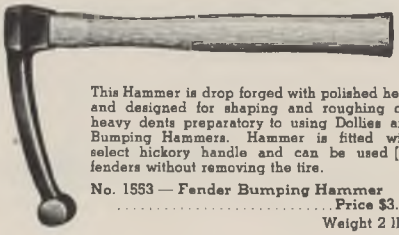


A high grade drop forged Hammer with polished heads, one round, the other square, fitted with select hickory handle.

No. 1551 — Bumping Hammer, 10 oz. ..... **Price $1.90**

No. 1550 — Bumping Hammer, 13 oz. ..... **Price 1.90**

Fender Bumping Hammer

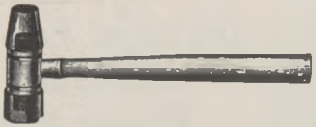


This Hammer is drop forged with polished head and designed for shaping and roughing out heavy dents preparatory to using Dollies and Bumping Hammers. Hammer is fitted with select hickory handle and can be used [on fenders without removing the tire.

No. 1553 — Fender Bumping Hammer ..... **Price $3.30**

Weight 2 lbs.

DUROLITE Hammers



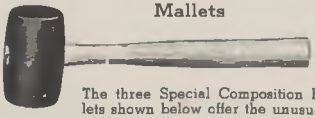
The three DuroLite Hammers listed below have replaceable DuroLite faces. Especially adapted for fitting wrist pins, bearings, piston pins, etc. Also adapted for body and fender work where it is desirable to maintain the original finish. Body carefully machined, with high grade hickory handle.

No.	Length	Weight	Price Hammer Complete
1531	9"	5 oz.	$1.70
1533	10½"	9 oz.	2.10
1534	12"	15 oz.	2.65

DuroLite Replacement Heads

No. Regular Head	Price	No. Taper Head	Price
1531A	$0.45	1531B	$0.60
1533A	.60	1533B	.65
1534A	.65	1534B	.70

Special Composition Rubber Mallets



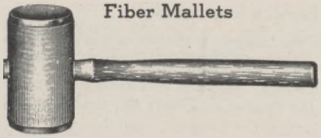
The three Special Composition Rubber Mallets shown below offer the unusual feature of all being the same size, faces about 2" in diameter and head about 3½" high, 12" long, yet the three Hammers are different weights. The special composition will give maximum service together with the weight Mallet desired. Colored handles to designate weight, Black 12 oz., Green 18 oz., Red 24 oz.

No. 1536 — 12 oz. Rubber Composition Mallet . . . . Price $1.90

No. 1537 — 18 oz. Rubber Composition Mallet . . . . Price $2.25

No. 1538 — 24 oz. Rubber Composition Mallet . . . . Price $2.70

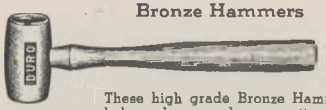
Fiber Mallets



A finishing Mallet that will deliver a hard blow without injury to paint or metal. Solid fiber heads, hardwood handles. It does the job of a rawhide Mallet at a much lower cost.

No.	Dia. of Head	Length of Head	Weight	Price
1541	1½"	3¼"	5 oz.	$1.10
1542	1⅞"	3¾"	9 oz.	1.50
1543	2⅜"	4¼"	15 oz.	1.60
1544	2¾"	4½"	1¼ lbs.	2.00

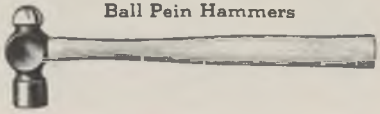
Bronze Hammers



These high grade Bronze Hammers are well balanced, properly proportioned and fitted with select hickory handles. The faces are polished and are found very useful by mechanics for driving piston pins, setting up bearings and various other operations where it is not proper to use a steel hammer. They can be had in various weights as follows:

No. 1580 — ½ lb. Bronze Hammer . . . . Price $1.80
No. 1581 — ¾ lb. Bronze Hammer . . . . Price 2.00
No. 1582 — 1 lb. Bronze Hammer . . . . Price 2.50
No. 1583 — 1½ lb. Bronze Hammer . . . . Price 3.00
No. 1584 — 2 lb. Bronze Hammer . . . . Price 3.90
No. 1585 — 3 lb. Bronze Hammer . . . . Price 5.20

Ball Pein Hammers



This line of Machinists' Forged Ball Pein Hammers is of the very highest quality. The heads are forged from special steel, heat treated, tempered and ground, with faces polished, body black enameled finish. Handles are top grade second growth hickory.

No.	Weight	Length	Price
1530A	8 oz.	12½"	$1.35
1530B	12 oz.	14"	1.35
1530C	1 lb.	14½"	1.50
1530D	1¼ lb.	15"	1.60
1530E	1½ lb.	15½"	1.70
1530F	2 lb.	16"	2.00

Packed Six in Carton.

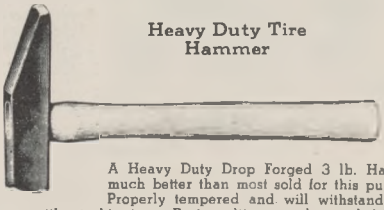
De Luxe Unbreakable Hammer



Designed for heavy duty tire service as well as other heavy work. The exclusive patented feature of one piece handle and head makes this Hammer especially desirable where there is a possibility of breaking handles. Hardwood, second growth hickory inlay affords comfortable and firm grip.

No. 1510 — DeLuxe Unbreakable Hammer Price $5.00
Weight 3½ lbs.

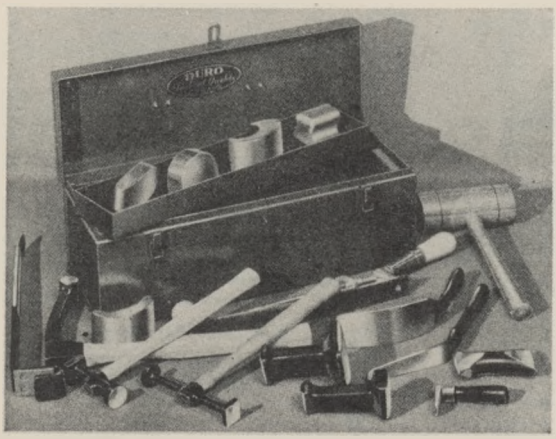
Heavy Duty Tire Hammer



A Heavy Duty Drop Forged 3 lb. Hammer much better than most sold for this purpose. Properly tempered and will withstand hard use without chipping. Best quality second growth hickory handle; black body, polished face and pein.

No. 1518 — Heavy Duty Tire Hammer . . . . Price $2.50
Weight 3½ lbs.

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De Luxe Fender and Body Repair Set

The 17 tools illustrated are also illustrated and described separately on previous pages. The heavy tool chest is 19½" x 7" x 7½", with removable tray, leather handle and baked enamel finish. The set itself contains the following numbers as illustrated and described on foregoing pages:—

Hickory Mallet (1554), Bumping Hammer (1550), Dinging Hammer (1552), Fender Hammer (1553), Flexible File and Holder (1571), Fender Spoon (1563), Curved Spoon (1561), Straight Spoon (1562), Utility Dolly (1556), Toe Dolly (1555), Heel Dolly (1560), Small Double Hand Dolly (1557), Large Double Hand Dolly (1558), Bead Dolly (1559), 2 new type Dollies (1564) and (1565), and Flange Tool (1576).

No. 1594A — De Luxe Fender and Body Set in Tool Chest ..... **Price $39.55**
Weight 40 lbs.

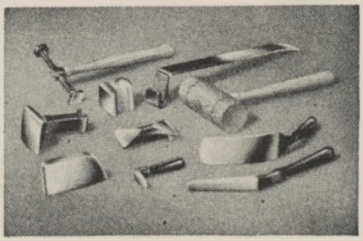
No. 1595A — Same Assortment of tools as above, packed in substantial fiber carton ..... **Price $33.60**
Weight 32 lbs.

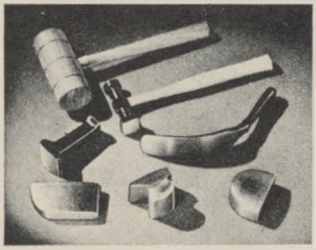
No. 1596 — Shadow Board for hanging in shop (see illustration page 72) with 17 tools described above, mounted thereon ..... **Price $43.60**
Weight 60 lbs.

Mechanic's Set

This set has been carefully selected for the mechanic and contains ten tools as follows: Hickory Mallet (1554), Dinging Hammer (1552), Flange Tool (1576), Flat Spoon (1562), Curved Spoon (1561), Bead Dolly (1559), Fender Spoon (1563), Utility Dolly (1556), Toe Dolly (1555), and Large Hand Dolly (1558). Packed in substantial fiber carton.

No. 1593 — Mechanic's Fender and Body Repair Set ... **Price $15.35**
Weight 18 lbs





Service Station Set

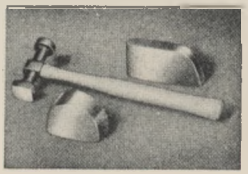
This set is similar to above set; however, it consists only of seven of the most popular and useful tools, Bumping Hammer (1550), Hickory Mallet (1554), Utility Dolly (1556), Toe Dolly (1555), Heel Dolly (1560), Small Hand Dolly (1557), and Curved Spoon (1561). Packed in substantial fiber carton.

No. 1592 — Service Station Fender and Body Set (Not Illustrated) ..... **Price $10.40**
Weight 13¾ lbs.

Utility Set

The Hammer in this set is fully drop forged and the Dollies semi-steel and not to be confused with some of the inferior products on the market of similar appearance. Set consists of Bumping Hammer (1550), Toe Dolly (1555), and Heel Dolly (1560). Packed in substantial fiber carton.

No. 1590 — Utility Fender Set ..... **Price $4.50**
Weight 5¾ lbs.



Plier for Automotive Mechanics

Battery Pliers



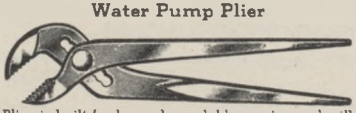
This Plier is designed to provide positive gripping of badly corroded or mutilated battery terminal nuts.
The convenient angle of the jaws as well as the shape makes it possible to use this Plier in many positions that are inaccessible to many tools. Curved and hand-fit handles eliminate pinching the palm of the hand. Triple plated, satin finish, length 8".

No. 2115 — Chrome Vanadium Steel Battery Plier ..... **Price $1.70**
Weight 8 oz.

To meet the demand for a Battery Plier at a moderate price this number is similar to above but forged from Carbon Manganese Tool Steel. Cadmium plated.

No. 2116 — Carbon Manganese Tool Steel Battery Plier ..... **Price $0.83**
Weight 8 oz.

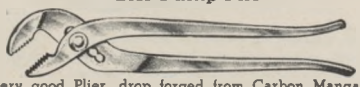
Chrome Vanadium Steel Water Pump Plier



This Plier is built for long, dependable service and will give the mechanic a wealth of satisfaction for all around uses. While the head and jaws are especially designed for adjusting water pump packing nuts, this Plier is most useful in other tight places as general utility plier. The parallel thin jaws are adjustable in eight positions from closed to an opening of 1⅛". Handsome duplex satin finish with polished jaws.

No. 2100 — 9" Chrome Vanadium Steel Water Pump Plier ..... **Price $2.00**
Weight 11 oz.

Carbon Manganese Steel Water Pump Plier



A very good Plier, drop forged from Carbon Manganese Steel, cadmium plated. Five adjustments with range of openings from ⅝" to 1⅞".

No. 2103 — Carbon Manganese Steel Water Pump Plier ..... **Price $0.92**
Weight 8 oz.

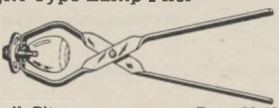
Lamp Bulb Plier



The new type head lamps, tail lights and spot lights, together with the new type bulbs, require a tool of this type which has been especially designed for removing and inserting lamp bulbs. This tool will meet the exacting requirements of the mechanic as well as the car-owner.

No. 185 — Lamp Bulb Plier ..... **Price $0.55**
Weight 4 oz.

Straight Type Lamp Plier



This type Lamp Bulb Plier is preferred by some. Has tempered jaws, cadmium plated, 8" long.

No. 186 — Lamp Bulb Plier ..... **Price $0.40**
Weight ¼ lb.

Chrome Vanadium Steel Ignition Plier



This Plier is 4½" long, adjustable in four positions from closed jaws to an opening range up to ⅝". An ideal tool for difficult to reach places on distributor heads, generators, timers, etc. Attractive satin finish with polished jaws. Drop Forged Chrome Vanadium Steel.

No. 2110 — Midget Chrome Vanadium Steel Ignition Plier ..... **Price $1.50**
Weight 1 oz.

Lock Ring "Horse Shoe" Plier



For spreading snap lock rings on brakes, transmissions, differentials, fan pulleys and many other places. A very essential tool in any mechanic's kit. Drop Forged from Chrome Vanadium Steel, heavily plated.

No. 2129 — Lock Ring Plier ..... **Price $2.10**
Weight 12 oz.

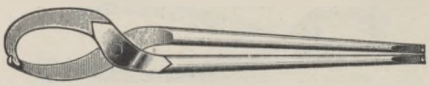
Plier for Steeldraulic Brakes



Here is a Plier that is a real time and trouble saver. Shaped to get a positive grip on the knurled adjusting nut on steeldraulic brakes used on a large portion of the popular cars. Attractive satin finish with highly polished head. Length 5½".

No. 2120 — Chrome Vanadium Steel Brake Plier for Steeldraulic Brakes ..... **Price $2.30**
Weight 6 oz.

Brake Spring Pliers



No. 2126



No. 2125

A tool that simplifies the removal and replacement of brake shoe springs. The pointed beak of one jaw holds on to the lined shoe while the other jaw with the hook draws the spring into position. The notched ends of the handles can be used on the upright spring to get a positive hold. Satin finish with polished head.

No. 2125 — Chrome Vanadium Steel Brake Spring Plier, 5½" long ..... **Price $2.00**
Weight 10 oz.

No. 2126 — Chrome Vanadium Steel Heavy Duty Brake Spring Plier, 13½" long ..... **Price $3.30**
Weight 1½ lbs.

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Genuine Swedish Steel Pliers

In selecting the Pliers on this page, quality and utility have been the first consideration. Price has been secondary, yet in tools of this nature the best is always the cheapest. Swedish Steel is recognized as the highest quality that can be put into tools. These Pliers are finished with polished heads and natural black handles.

Diagonal Cutting Pliers Straight Type



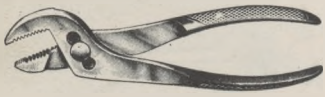
With rivet forged out of, and thus part of, one handle of the Plier. These Pliers are very popular among automobile mechanics because the jaws are hardened to cut piano wire or choke wire. Rivet is very close to the jaws allowing for great leverage. Choice of three sizes.

No. 1528-5 — 5½" Diagonal Cutting Plier . . . Price $3.10
Weight 5 oz.

No. 1528-6 — 6½" Diagonal Cutting Plier . . . Price $3.30
Weight 6 oz.

No. 1528-7 — 7¾" Diagonal Cutting Plier . . . Price $3.80
Weight 9 oz.

Heavy Duty Multiple Grip Pliers



This very sturdily built Plier has three adjustments, giving it an opening range to 1¾". The Bulldog jaws make this one of the handiest and most serviceable Pliers for mechanics' kits. The jaws are milled and perfectly tempered and will tightly hold and grip without slipping. Choice of two sizes.

No. 618-6 — 6" Heavy Duty Multiple Grip Plier . . . Price $3.70
Weight 7 oz.

No. 618-8 — 8" Heavy Duty Multiple Grip Plier . . . Price $4.50
Weight 12 oz.

Diagonal Cutting Pliers Angle Type (30°)



These Pliers are similar to those shown at left except the head is on a 30° angle. The sturdy construction of these Pliers, and because of their great cutting angle and spoon shaped jaws, make them very popular among automobile mechanics. Will cut piano wire. Choice of two sizes.

No. 2528-6 — 6½" Diagonal Plier . . . Price $3.45
Weight 7 oz.

No. 2528-7 — 7¾" Diagonal Plier . . . Price $4.20
Weight 9 oz.

Slip Joint Utility Pliers with Cutter

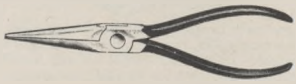


A most complete all around combination Plier. Has a thin nose with milled teeth and has a side cutter which is tempered to cut hardened steel wire. Choice of two sizes.

No. 616-5 — 5½" Utility Plier . . . Price $2.90
Weight 4 oz.

No. 616-7 — 7½" Utility Plier . . . Price $3.20
Weight 8 oz.

Long Needle Nose Pliers



The extra long jaws of these Pliers make them invaluable for automobile mechanics, radio workers and all work requiring a slender, yet strong and durable Plier.

No. 2533-6 — 6½" Needle Nose Plier — Price $3.20
Weight 4 oz.

No. 2533-7 — 7½" Needle Nose Plier — Price $3.80
Weight 5 oz.

Note: All Pliers on this page are packed 6 to the standard package.

Tools Especially Adapted to Modern Refrigeration

CHROME VANADIUM STEEL

The Wrenches and other tools shown on this page have been grouped as they are especially adapted to refrigeration. All tools are typical Duro quality and finish. Any refrigeration repair man or service man will appreciate these tools.

Refrigerator Ratchet Wrenches



These Ratchets are forged from Chrome Alloy Steel for dependable service. They have positive, though easy spring action of the ratchet gears. Furnished with the most popular openings in head and handle as well as with and without reversible trigger arrangement. Length 6¼" overall, ½" hexagon box type socket on all handle ends. Weight 5 oz.

REVERSIBLE RATCHETS

No.	Ratchet Head	Handle End	Price
4490 3/8"	3/8" square	¼" & 3/8" sq.	$2.95
4490 7/16"	7/16" "	¼" & 3/8" sq.	2.95
4490 ¼"	¼" "	5/16" & ¼" sq.	2.95
4490 5/16"	5/16" "	5/16" & 3/8" sq.	2.95

NON-REVERSIBLE RATCHETS

4489 3/8"	3/8" square	¼" & 3/8" sq.	$2.05
4489 7/16"	7/16" "	[illegible] sq.	2.05
4489 ¼"	¼" "	3/8" & ¼" sq.	2.05
4489 5/16"	5/16" "	5/16" & 3/8" sq.	2.05

Short Adaptor



This Adaptor is ¾" long with friction ball in each end.
No. 4531 — ¾" Adaptor..... Price $0.35
Weight 1 oz.

Packing Gland Nut Sockets



These Sockets are especially designed from Chrome Vanadium Steel with ¼" square female drive for adjusting packing gland nuts. Weight 1½ oz.

No.	Diameter Inside	Diameter Outside	Prongs Depth	Prongs Width	Price
4541	5/8"	7/8"	1/4"	5/64"	$0.95
4542	[illegible]	1 1/8"	1/4"	1/8"	.95
4543	[illegible]	1 1/16"	1/8"	1/8"	.95
4544	9/16"	13/16"	[illegible]	[illegible]	.95
4545	5/8"	9/16"	1/4"	5/64"	.95

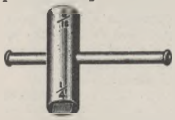
Packing Nut Socket



This special oval Socket is ¼" square drive, oval opening, ½"x 3/8" and designed for servicing Imperial or Kerotest valve packing nut. Weight 1½ oz.
No. 4549 — Socket for Imperial and Kerotest Valve Packing Nuts..... Price $0.95

Double End Valve Stem Slide T-Wrenches

These time and money saving Wrenches have two different openings to fit the most popular sizes of valve stems. Made of Chrome Vanadium Steel, properly hardened and tempered. Weight 3 oz.



No.	For Square Stem Sizes	Price
361	¼" & 5/16"	$0.95
362	¼" & 3/32"	.95

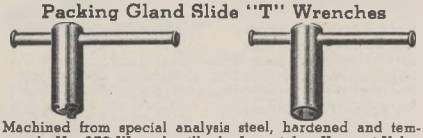
SPECIAL CARBON MANGANESE STEEL TOOLS

Frigidaire Wheel Puller



For removing Frigidaire fly wheels without damaging them. Screws on hub fly wheel and light blow on Wheel Puller will remove the fly wheel. Accurately machined, heat treated and hardened.
No. S-32B — Frigidaire Wheel Puller..... Price $0.35
Weight 6 oz.

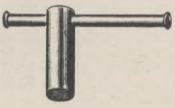
Packing Gland Slide "T" Wrenches



Machined from special analysis steel, hardened and tempered. No. 359 Wrench will take Imperial or Kerotest Valve Packing Nuts. Weight 3 oz.
No. 338 — 5/8" Outside Diameter, [illegible] Hole.. Price $0.85
No. 339 — ½" Outside Diameter, 21/64" Hole.. Price .85
No. 359 — ½"x 3/8" Oval Hole..... Price .85

Valve Stem Slide "T" Wrenches

Same as above, however, to fit the most popular valve stems.



No.	For Square Stem Size	Price
351	3/16"	$0.70
352	7/32"	.70
353	¼"	.70
354	5/16"	.70
355	3/8"	.70

Header "T" Handle Wrench



This Wrench has extra thin wall, forged Socket, ½" hexagon size, to fit Fedders header bolts. 6½" long, heavily plated.
No. 566—½" "T" Handle Wrench.
..... Price $0.70
Weight 1 lb.

Packing Gland Sockets



For use with all standard ¼" square Ratchet Wrenches. Sockets listed below are made from special analysis steel, hardened and tempered. No. 349 Socket for Imperial or Kerotest Valve Packing Nuts. Weight 1 oz.



No. 337 — 5/8" Outside Diameter, 33/64" Hole.. Price $0.55
No. 349 — ½"x 3/8" Oval Hole..... Price .55

Valve Stem Sockets

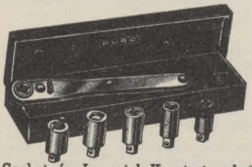
Same as above, for use with all standard ¼" square Ratchets. For all popular shut-off valve stems.



No.	For Square Stem Sizes	Price
341	3/16"	$0.55
342	7/32"	.55
343	¼"	.55
344	5/16"	.55

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Foundation Service Set



This assortment comprises the most essential tools for refrigeration service work at a real price. Set consists of new style ¼" Ratchet with reversible action, three Valve Stem Sockets ⅜", ½" and ⅝", also two Packing Gland Sockets for Imperial, Kerotest and other Valve Packing Nuts. In handy baked black enameled steel box.

No. 306 — 6 Piece Foundation Set ..... **Price $3.70**
Weight 13 oz.

Heavy Duty Refrigeration Ratchet Wrench



The two Ratchets listed below are identical with exception of the opening in the ratchet end, one being ¼" square, the other being ⅜" square. Hardened gear and pawl, heavy stamped frame, heavily plated.

No. 674-¼" — Refrigeration Ratchet Wrench with ¼" square opening ..... **Price $0.70**
No. 674-⅜" — Refrigeration Ratchet Wrench with ⅜" square opening ..... **Price $0.70**
Weight 4 oz.

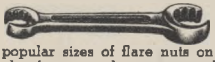
Reversible Refrigeration Ratchet Wrench



This new style Ratchet has positive, though easy ratchet action with reversible trigger arrangement for fast work. Dependable, heavily constructed gear, pawl and frame. ¼" square opening in ratchet head for use direct on valve stems or with Packing Gland and Valve Stem Sockets.

No. 673-¼S — Reversible Ratchet Wrench with ¼" square opening ..... **Price $0.65**
Weight 2 oz.

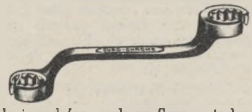
Flare Nut Wrenches



These open end type Box Wrenches are ideal for fast adjustments of the most popular sizes of flare nuts on refrigeration equipment and also for general purpose work. Drop forged from special Alloy Steel, heat treated, tempered and hardened. Satin finish with polished heads.

No. 371—Flare Nut Wrench, ¾"x 1", 7" long, ... **Price $2.20**
Weight 7 oz.
No. 372—Flare Nut Wrench, 1⅛"x 1⅛", 8" long ..... **Price $2.75**
Weight 11 oz.

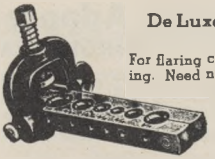
Flare Nut Offset Wrenches



Especially designed for work on flare nuts located in hard to reach places where a straight wrench will fail. The heads are set at a 45° offset angle. Drop forged, Chrome Vanadium Steel, heat treated and tempered. Satin finish with polished heads.

No. 381 — ⅝"x ⅝" openings, 6¾" long ..... **Price $1.60**
Weight 5 oz.
No. 382 — ¾"x 1" openings, 7¾" long ..... **Price $2.20**
Weight 9 oz.
No. 383 — ⅞"x 1⅛" openings, 9" long ..... **Price $2.75**
Weight 13 oz.
No. 384 — 1"x 1⅜" openings, 9¼" long ..... **Price $3.25**
Weight 14 oz.

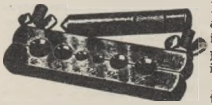
De Luxe Tube Flaring Tool



For flaring copper, brass or aluminum tubing. Need not remove tube. Self-aligning. Designed for tubing ⅜", ¼", 5/16", ⅜", ⅞" and ½" outside diameter. Very simple to operate. Heavily plated.

No. 262 — De Luxe Tube Flaring Tool ..... **Price $4.50**
Weight 1½ lbs.

Handy Flaring Tool



Forming tool clamps firmly around the tubing and the end is then formed by tapping the punch into the end of the tubing. Will fit ⅜", ¼", 5/16", ⅜", ⅞" and ½" outside diameter tubing and can be used with copper, brass and aluminum tubing. Heavily plated.

No. 263 — Handy Flaring Tool ..... **Price $3.50**
Weight 1¼ lbs.

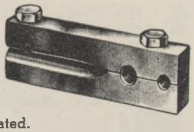
Flaring Tool for Larger Tubing



This forming tool is similar in construction to the one described above and is designed for the larger sizes of tubing, ½", ⅝" and ¾".

No. 264 — Heavy Duty Flaring Tool ..... **Price $3.50**
Weight 13 oz.

Pinch-Off Tool



A compact and strong steel tool for use in limited space. Will close up to ½" tubing. Holes at end will form and straighten ¼" and ⅜" tubing. 3⅛" long, 1⅛" high. With two ¼" hex. cap screws. Heavily plated.

No. 266 — Pinched-Off Tool ..... **Price $1.20**
Weight 8 oz.

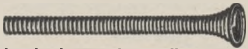
Tube Cutter



Especially designed to cut copper, brass and aluminum tubing with least possible burr and effort. Special tool steel roller, properly heat-treated and hardened. Will cut tubing up to and including ¾" diameter. Easily adjusted. Tool steel reamer easily removes all burrs. Heavily plated.

No. 260 — Tube Cutter ..... **Price $3.50**
Weight 11 oz.

Coil Spring Tube Benders

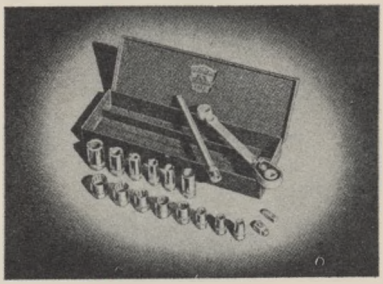


To smoothly bend tubing without collapsing or cracking it, these special Benders are the ideal means. Made of music spring wire, heavily plated.

No. 241 — ¼" Capacity ..... **Price $0.40**
No. 242 — 5/16" Capacity ..... **Price $0.40**
No. 243 — ⅜" Capacity ..... **Price $0.45**
No. 244 — 7/16" Capacity ..... **Price $0.45**
No. 245 — ½" Capacity ..... **Price $0.50**
No. 246 — ⅝" Capacity ..... **Price $0.50**
No. 240 — Set of four Benders, Sizes ¼", 5/16", ⅜", ½" and ⅝" ..... **Price $1.70**
Weight 15 oz.

DURO-CHROME De Luxe Refrigeration Socket Sets

This group of sets represents the last word in utility of Refrigeration Tools. Every tool picked for its particular purpose by experienced mechanics to obtain the best for speed and general efficiency. Packed in strong, baked enamel steel boxes.



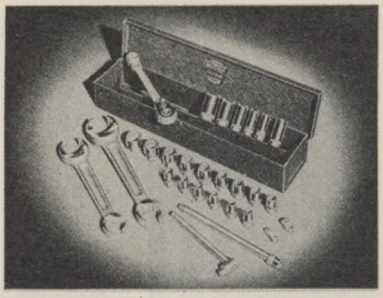
18-Piece Set

- ¼" Reversible Ratchet
- Adaptor ¾" long
- Increasing Adaptor ¼"x ⅜"
- 6" Extension Adaptor
- 7/16" Hex. Socket
- ½" Hex. Socket
- 9/16" Hex. Socket
- ⅜" Square Socket
- 13/32" Square Socket
- ¼" Square Socket
- 5/16" Square Socket
- 11/32" Square Socket
- 3/8" Packing Gland Socket
- 11/32" Packing Gland Socket
- 23/32" Packing Gland Socket
- 3/4" Packing Gland Socket
- 5/8" Packing Gland Socket
- Socket for Imperial Kerotest
- Valve Packing Nut

No. 4518RS — 18-Piece Refrigeration Socket Set...Price $12.50
Weight 2½ lbs.

28-Piece Set

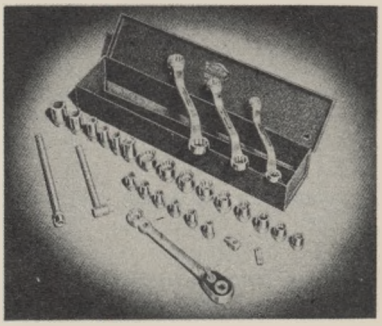
- ¾"x 1" Flare Nut Wrench
- 7/8"x 1 1/8" Flare Nut Wrench
- ¼" Reversible Ratchet
- Adaptor ¾" long
- Increasing Adaptor ¼"x ⅜"
- 6" Extension Adaptor
- Slide "T" Handle
- ⅜" Square Socket
- 13/32" Square Socket
- ¼" Square Socket
- 7/16" Square Socket
- ⅜" Square Socket
- 13/32" Hex. Socket
- ¼" Hex. Socket
- 5/16" Hex. Socket
- 11/32" Hex. Socket
- 3/8" Hex. Socket
- ½" Hex. Socket
- 9/16" Hex. Socket
- 5/8" Hex. Socket
- 5/8" Packing Gland Socket
- 11/32" Packing Gland Socket
- 23/32" Packing Gland Socket
- 3/4" Packing Gland Socket
- 5/8" Packing Gland Socket
- Socket for Imperial Kerotest
- Valve Packing Nut



No. 4528RS — 28-Piece Refrigeration Socket Set...Price $23.00
Weight 4½ lbs.

29-Piece Set

- 3/8"x 7/16" Offset Box Wrench
- ½"x 9/16" Offset Box Wrench
- 5/8"x 11/16" Offset Box Wrench
- ¼" Reversible Ratchet
- Adaptor ¾" long
- Increasing Adaptor ¼"x ⅜"
- 6" Extension Adaptor
- Slide "T" Handle
- ⅜" Square Socket
- 13/32" Square Socket
- ¼" Square Socket
- 7/16" Square Socket
- ⅜" Square Socket
- 13/32" Hex. Socket
- ¼" Hex. Socket
- 5/16" Hex. Socket
- 11/32" Hex. Socket
- 3/8" Hex. Socket
- 7/16" Hex. Socket
- ½" Hex. Socket
- 9/16" Hex. Socket
- 5/8" Hex. Socket
- 5/8" Packing Gland Socket
- 11/32" Packing Gland Socket
- 23/32" Packing Gland Socket
- 3/4" Packing Gland Socket
- 5/8" Packing Gland Socket
- Socket for Imperial Kerotest
- Valve Packing Nut



No. 4529RS — 29-Piece Refrigeration Socket Set...Price $21.00
Weight 4 lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DUROLITE Screw Driver Displays and Sets

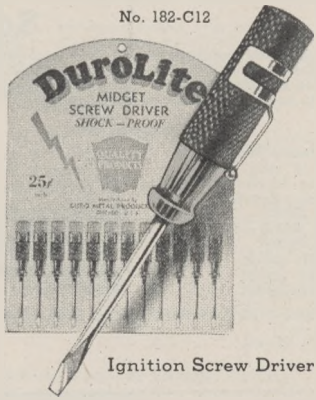
No. DL-D18



The above metal Display consists of six each of the most popular "Stubby" type DuroLite Screw Drivers, as follows: S6R1½, S8S1 and S10S1. A real merchandiser.

No. DL-D18 — DuroLite Screw Driver Display . . . . . Price $16.68
Weight 4 lbs.

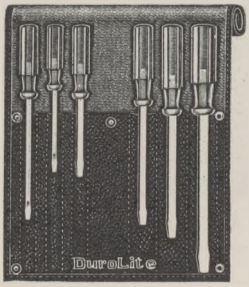
No. 182-C12



Ignition Screw Driver

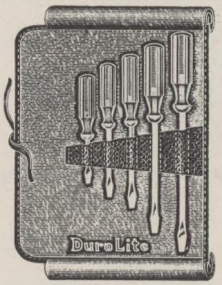
This Screw Driver with DuroLite handle is much prized by the ignition men and radio repair men where positive insulation is desired. One dozen ⅛" x 1⅞" Screw Drivers on a card, size 8½" x 11" cards in standard package.

No. 182-C12 — Display with 12 Screw Drivers, Price $3.20
Weight ½ lb.



Popular DuroLite Screw Drivers in Tool Roll

For the sets listed below the most popular Screw Drivers for both the mechanic and electrician have been carefully selected.



Mechanic's Sets

This Screw Driver roll contains one each of the following DuroLite Screw Drivers as described on page 86: 6R3, 6R6, 8S4, 8S6, 10S6 and 12S8. The roll is heavy leatherette, self-lined in two colors, and makes a handy as well as handsome manner in which to keep this assortment of popular Screw Drivers.

No. DL-K6A — Six Piece DuroLite Screw Driver Set in Roll . . . . . Price $8.10
Weight 2¼ lbs.

No. DL-K4A — Similar Set as above except with four DuroLite Screw Drivers, 6R6, 8S4, 8S6 and 12S8 in Roll . . . . . Price $5.50
Weight 1½ lbs.

Electrician's Sets

The Five Screw Drivers in these sets were selected by electricians for positive insulation and dependability.

No. DL-K5R — Five Piece Set, Round Blade, containing 4R2, 4R3, 6R3, 6R6 and 6R8 . . . Price $4.00
Weight 13 oz.

No. DL-K5S — Five Piece Set Square Blade, containing 4S2, 4S3, 6S3, 6S6 and 6S8 . . . . . Price $4.20
Weight 14 oz.

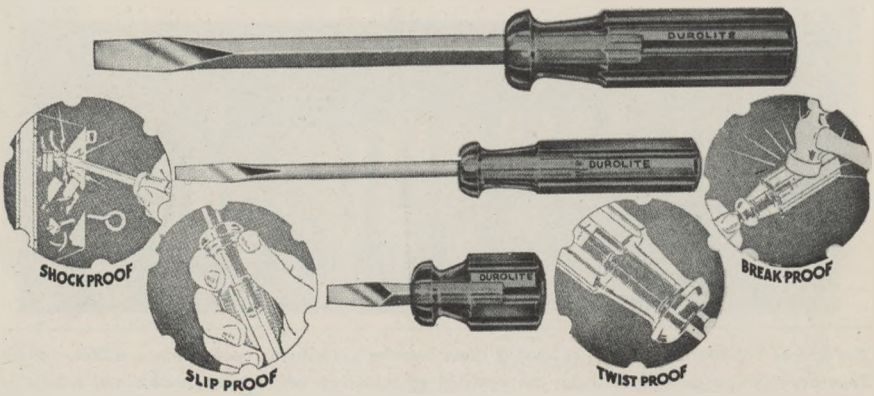
Special DuroLite Extra Long Screw Driver For Draper Race Plate



This Screw Driver is long enough (18") and small enough (⅜") to handle screws in Draper Loom Race Plate. The handle is extra large (1½" x 6½") so as to give extra leverage.

No. T12S18 — DuroLite Screw Driver . . . . . Price $3.70
Weight 1¼ lbs.

DUROLITE Screw Drivers



In DuroLite Screw Drivers we present the ultimate in strength, quality and appearance. The combination of a heat treated and tempered blade, drop forged from the finest Chrome Vanadium Steel available, and an insulated, break-proof handle makes our product stand out as second to none.

The transparent amber colored handles, and the blades with duplex finish and bright ground tips furnish the necessary, important eye appeal to make DuroLite Screw Drivers an attractive asset in any tool box, window display or display board.

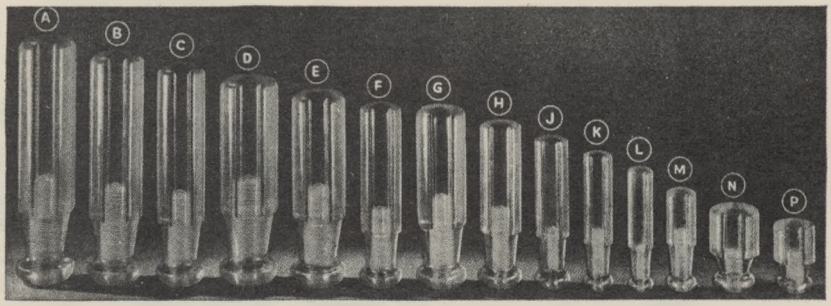
No.	Blade Dimensions		Overall Length	Weight Per Doz.		Price
	Thickness	Length		Lbs.	Oz.	
ROUND BLADE TYPE						
4R2	1/8"	2"	4 7/8"	..	6	$0.54
4R3	1/8"	3"	6"	..	9	.54
4R4	1/8"	4"	7"	..	9	.57
4R6	1/8"	6"	9"	..	12	.60
4R8	1/8"	8"	11"	..	16	.60
*S6R1 1/2	3/16"	1 1/2"	4"	..	12	.64
6R3	3/16"	3"	6 3/8"	1	2	.73
6R4	3/16"	4"	7 3/8"	1	5	.73
6R6	3/16"	6"	9 3/4"	1	14	.90
6R8	3/16"	8"	11 3/4"	2	4	.90
6R10	3/16"	10"	13 3/4"	2	4	.93
SQUARE BLADE TYPE						
4S2	1/8"	2"	4 7/8"	..	6	.57
4S3	1/8"	3"	6"	..	9	.60
4S4	1/8"	4"	7"	..	9	.60
*S6S1 1/2	3/16"	1 1/2"	4"	..	12	.67
6S3	3/16"	3"	6 3/8"	1	2	.77
6S4	3/16"	4"	7 3/8"	1	5	.77
6S6	3/16"	6"	9 3/4"	1	14	.93
6S8	3/16"	8"	11 3/4"	1	14	.97
6S10	3/16"	10"	13 3/4"	2	10	1.00

*Stubby Handle Type.

No.	Blade Dimensions		Overall Length	Weight Per Doz.		Price
	Thickness	Length		Lbs.	Oz.	
*J8S1	1/4"	1 1/4"	3"	..	12	$0.77
*S8S1	1/4"	1 1/4"	3 5/8"	1	2	1.04
8S2	1/4"	2"	5 3/4"	1	8	.97
8S4	1/4"	4"	7 3/4"	2	4	1.00
8S6	1/4"	6"	10 1/8"	3	..	1.30
8S8	1/4"	8"	12 1/8"	3	6	1.37
8S10	1/4"	10"	14 1/8"	3	12	1.40
*S10S1	5/16"	1 1/4"	3 5/8"	1	8	1.10
10S6	5/16"	6"	10 5/8"	3	12	1.54
10S8	5/16"	8"	12 5/8"	4	8	1.60
10S10	5/16"	10"	14 5/8"	5	4	1.64
10S12	5/16"	12"	16 5/8"	6	..	1.70
12S6	3/8"	6"	10 1/2"	6	..	2.07
12S8	3/8"	8"	12 1/2"	6	8	2.10
12S10	3/8"	10"	15 1/2"	8	4	2.34
12S12	3/8"	12"	17 1/2"	9	..	2.44
12S18	3/8"	18"	23 1/2"	12	8	2.67
14S6	7/16"	6"	10 7/8"	8	4	2.50
14S8	7/16"	8"	12 7/8"	9	12	2.60
14S10	7/16"	10"	15 7/8"	11	4	2.97
14S12	7/16"	12"	17 7/8"	12	12	3.07
14S18	7/16"	18"	23 7/8"	16	4	3.34
16S6	1/2"	6"	11 1/4"	9	12	3.00
16S8	1/2"	8"	13 1/4"	12	..	3.14
16S10	1/2"	10"	16 1/4"	15	12	3.57
16S12	1/2"	12"	18 1/4"	16	8	3.74
16S18	1/2"	18"	24 1/4"	21	4	4.07

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DUROLITE Transparent Amber Colored Handles



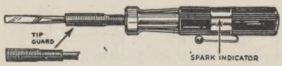
The Amber Transparent material as used in these handles has actually been used on millions of tools. They have proven themselves under the most severe conditions as the most durable and satisfactory non-metallic, non-conductor handles ever used on tools. Used on Screw Drivers, Files, Chisels, etc. A size for nearly every imaginable purpose.

No.	Length	Outside Diameter	Diameter Hole	Price	No.	Length	Outside Diameter	Diameter Hole	Price
70A	6¼″	1½″	33/64″	$2.50	70H	4½″	1⅛″	1/4″	$0.90
70B	6⅛″	1⅜″	31/64″	2.00	70J	3¾″	⅞″	1/4″	.60
70C	5½″	1¼″	29/64″	1.65	70K	3⅜″	¾″	5/16″	.40
70D	5¼″	1½″	27/64″	2.20	70L	3″	5/8″	1/8″	.30
70E	4⅞″	1⅜″	25/64″	1.80	70M	2½″	¾″	5/16″	.35
70F	4⅝″	1⅛″	11/32″	1.00	70N	2⅛″	1¼″	1/2″	.70
70G	4½″	1¼″	11/32″	1.35	70P	1¾″	1⅛″	1/2″	.40

Spark Testing Screw Drivers

These Screw Drivers which have a Neon Tube in the handle, are used by auto and tractor mechanics for testing spark plugs and ignition systems. They are also indispensable for testing High Frequency Circuits in X-Ray, wireless and similar work. The Neon Tube which is shielded in the handle, flashes orange light when point of Screw Driver is placed on spark plug, distributor or leak in high tension ignition wiring. The brilliancy and frequency of the spark indicate the condition of the parts being tested.

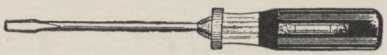
Pocket Size with Clip



A convenient pocket size Screw Driver with spark testing handle, pocket clip and safety guard for end of blade. Blade is ¾″x 2¼″ and overall length is 5″.

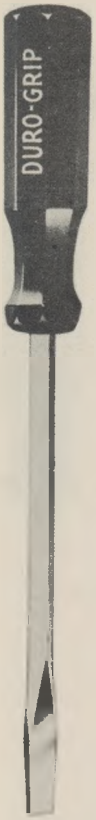
No. 4691 — Pocket Spark Testing Screw Driver . . . . . Price $1.00
Weight 2 oz.

All Purpose Spark Tester



A sturdy Screw Driver 8½″ overall, blade 3/16″x 4″ with spark tester in handle.

No. 4692 — All Purpose Spark Tester Screw Driver . . . . . Price $1.50
Weight 4 oz.



"Duro-Grip" Shock Proof Screw Drivers

Reg. U. S. Pat. Off

Chrome Vanadium Steel

Hand Fitting

The design of the handle is such that it will instantly appeal to anyone who takes it in his hand. Comfortable as well as perfectly balanced.

Chrome Vanadium Steel

The specially selected Chrome Vanadium Steel used in these blades, together with the accurate machining and careful heat treating make them second to none.

Shock Proof

Laboratory tests of these handles rate them extremely high and they will resist voltages as high as 20,000 volts.

Practically Indestructible

"DuroGrip" Handles are a special composition that will stand many times the abuse called upon in tools of this type. Oil and water will not affect them.

Will Not Burn

These handles will not burn and are impervious to heat and all climatic conditions.

Choice of Size and Style

In the assortment listed below will be found the style of either round or square blades in various lengths to suit every requirement.

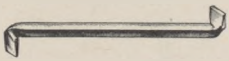


SQUARE BLADE TYPE — ROUND BLADE TYPE

No.	Price	Dimensions: Thickness	Dimensions: Length	Overall Length	Per Dozen: Lbs.	Per Dozen: Oz.	No.	Price
4702	$0.50	1/8"	2"	5 1/8".		9	4602	$0.50
4703	.50	1/8"	3"	6 1/8"		12	4603	.50
4704	.50	1/8"	4"	7 1/8"		15	4604	.50
4706	.50	1/8"	6"	9 1/8"	1		4606	.50
4708	.50	1/8"	8"	11 1/8"	1	2	4608	.50
4713	.55	3/16"	3"	6 1/2"	1		4613	.50
4714	.55	3/16"	4"	7 1/2"	1	4	4614	.55
4716	.55	3/16"	6"	9 1/2"	1	11	4616	.55
4718	.60	3/16"	8"	11 1/2"	2		4618	.55
4719	.60	3/16"	10"	13 1/2"	2	7	4619	.55
4724	.65	1/4"	4"	8 1/16"	2	4	4624	.65
4726	.70	1/4"	6"	10 1/16"	3	8	4626	.65
4728	.70	1/4"	8"	12 1/16"	4	8	4628	.65
4729	.75	1/4"	10"	14 1/16"	5	4	4629	.70
4746	1.10	5/16"	6"	10 5/16"	6	2		
4748	1.15	5/16"	8"	12 5/16"	6	12		
4749	1.25	5/16"	10"	14 5/16"	9			
4781*	.55	1/4"	1 1/4"	3 5/16"	1			
4791*	.60	5/16"	1 1/4"	3 5/16"	1	2		

*Stubby Type

Offset Screw Drivers



This design which is not only offset, but also with bit at 45° with the handle, has so many uses that every mechanic needs all of them. Drop forged from Chrome Vanadium Steel, heavily plated.

No.	Size Stock	Length	Price
4771	3/16"	4 1/2"	$0.85
4772	1/4"	5"	.90
4773	5/16"	6"	.95
4774	1/2"	7"	1.10

Average Weight per dozen 2½ lbs.

Set of 4 in Roll

Set of four Offset Screw Drivers listed above in self-lined leatherette roll.

No. 4770-4 — Set of Four Offset Screw Drivers . . . . . Price $4.20
Weight 10 lbs.

"Stubbies"



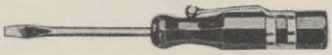
The two "Stubby" types listed below are alike except size of blade.

No. 4781 — 1/4" x 1 1/4" "Stubby" Screw Driver. Price $0.55

No. 4791 — 5/16" x 1 1/4" "Stubby" Screw Driver. Price $0.60
Wt. per doz. 1 lb.

This type Screw Driver is used for adjusting overhead tappets and other hard to reach places where power is required.

"Pocket Driver"



Pocket type Screw Driver blade 1/8" x 1 3/4" with pocket clip. Furnished 24 to the display card.

No. 4650-C24 — Card of 24 "Pocket Drivers" . . . . . Price $5.20
Weight 2 lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO Phillips Type Screw Drivers

Pat. No. 2,046,840



So many cars are using the Phillips Screws on mouldings, hinges, etc., that every mechanic must be equipped with a set of these Screw Drivers. Phillips Screws are also used very extensively on truck and bus bodies, furniture and numerous other places.

DURO-GRIP HANDLE



No. 4671-4674



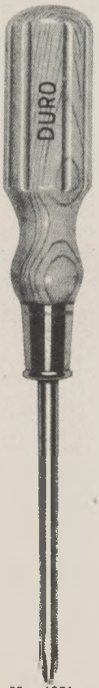
No. 4676-7



No. 4678-9

Duro-Grip Handles of handsome ebony black moulded plastic, properly shaped, thoroughly insulated. Blades tempered steel, cadmium plated.

WOOD HANDLE

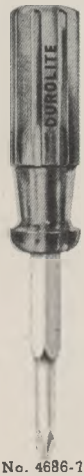


No. 4661-4664

Natural wood handle with deep flutes and polished steel blades properly tempered. Metal ferrule adds strength to the handle. A substantial tool at a competitive price.

Square Shank for use with Wrench for additional leverage.

DUROLITE HANDLE



No. 4686-7



No. 4688-9



No. 4681-4684

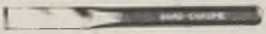
DuroLite Handle is the best looking as well as toughest handle to be had on tools of this type. Shaped to fit the hand. Blades tempered steel, cadmium plated.

STANDARD FULL LENGTH SCREW DRIVERS

Blade Size	Length Blade	Wood Handle No.	Wood Handle Price	DuroLite Handle No.	DuroLite Handle Price	DuroGrip Handle No.	DuroGrip Handle Price	For Phillips Screw Size	Weight Per Dozen
1	3"	4661	$0.67	4681	$1.05	4671	$0.95	No. 4 and Smaller	1¾ lbs.
2	4"	4662	.67	4682	1.70	4672	1.15	5 to 9 inclusive	3 lbs.
3	6"	4663	.83	4683	2.35	4673	1.35	10 to 16 inclusive	4 lbs.
4	8"	4664	1.17	4684	3.15	4674	1.90	18 and larger	6 lbs.
				SQUARE SHANK TYPE					
3	3¾"			4686	$2.45	4676	$1.65	10 to 16 inclusive	6 lbs.
4	3¾"			4687	2.90	4677	1.80	18 and larger	6 lbs.
				STUBBY SHORT TYPE					
1	1¼"			4688	$1.00	4678	$0.75	4 and smaller	1 lb.
2	1½"			4689	1.60	4679	1.00	5 to 9 inclusive	1¼ lbs.

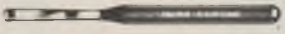
DURO-CHROME Punches and Chisels,

In Duro-Chrome Punches and Chisels we naturally thought of the severe use to which tools of this nature are subjected. Duro-Chrome Punches and Chisels are made from selected Chrome Alloy Steels that are heat treated and tempered under expert care to that nicety that gives the edges and points the balance of hardness and resiliency so desirable in these tools. Heavily plated with polished heads.



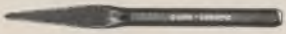
FLAT COLD CHISELS

No.	Width Bit	Length	Size Stock	Price
1969	1/4"	4 1/2"	1/4"	$0.55
1900	3/8"	5"	5/16"	.55
1901	1/2"	5 3/4"	3/8"	.60
1902	5/8"	6"	1/2"	.70
1903	3/4"	7"	5/8"	.90
1904	7/8"	8"	3/4"	1.35
1905	1"	9"	7/8"	1.70



GOUGE CHISELS

1920	1/4"	5"	1/4"	.55
1921	1/4"	6"	5/16"	.60



CAPE CHISELS

1910	1/4"	5"	5/16"	.55
1911	5/16"	6"	3/8"	.60
1912	3/8"	6"	1/2"	.70



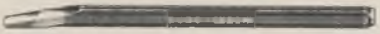
DIAMOND POINT CHISELS

1930	1/4"	5"	5/16"	.55
1931	1/8"	6"	3/8"	.60



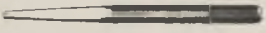
LONG DRIFT PUNCHES

1990	1/4"	16"	5/16"	2.05
1991	1/4"	14"	1/2"	1.75
1992	5/16"	12"	3/8"	1.60



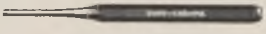
RIVET BUSTER

1986	7/16"	10"	3/4"	2.30
1987	7/16"	14 1/4"	3/4"	2.65



SOLID OR LONG TAPER PUNCHES

No.	Width Bit	Length	Size Stock	Price
1967	1/4"	6"	1/4"	$0.55
1950	1/2"	4 1/2"	3/16"	.45
1951	1/8"	6 1/2"	3/16"	.60
1952	3/16"	7"	5/16"	.65
1953	1/2"	7 1/2"	1/2"	.90
1954	1/4"	8"	5/8"	1.00
1955	1/2"	11"	5/8"	1.30



PIN PUNCHES

1940	1/4"	4 1/2"	5/16"	.45
1941	1/8"	4 1/2"	5/16"	.45
1942	1/4"	4 1/2"	5/16"	.45
1943	1/4"	6"	5/16"	.55
1944	1/4"	6 1/2"	3/8"	.60
1945	1/4"	6 7/8"	3/8"	.65
1946	1/4"	7 1/4"	3/8"	.70
1947	5/16"	7 5/8"	1/2"	.80



CENTER PUNCHES

1970	1/8"	4 1/2"	5/16"	.45
1971	1/32"	5"	3/8"	.60



JIMMY PRY BARS

1980	1/2"	12"	1/2"	1.25
1981	1"	16"	5/8"	1.95
1982	1 1/8"	20"	3/4"	2.70

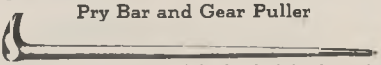


FORGED SCREW EXTRACTORS

No.	Bolt Diam.	Use Drill	Drill Depth	Price
1391	1/4" to 5/16"	1/4"	3/8"	$0.85
1392	5/16" to 3/8"	1/4"	3/8"	.90
1393*	3/8" to 7/16"	1/4"	1/4"	.95
1394	7/16" to 1/2"	5/16"	1/4"	1.05
1395	1/2" to 5/8"	3/8"	3/8"	1.10
1396	5/8" and up	7/16"	3/8"	1.15

*Popular for Alemite Fittings.

Pry Bar and Gear Puller



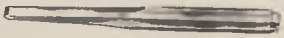
On account of the design of the head of this bar, which has a ground point, it has so many uses as to be indispensable in any shop. Used for loosening cylinder heads, gears, bearings, bushings, bolts, retainers, etc. 15" long, made from Chrome Vanadium Steel, heat-treated with heavy plating and polished head. The pointed end is especially valuable in alignment work.

No. 1989 — Pry Bar and Gear Puller..... Price $2.10
Weight 1 lb.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Streamlined Long Blade Cold Chisels

A new design in Cold Chisels which allows more freedom of use in restricted places than the conventional type. Made from high grade Chrome Alloy Steel, properly heat treated. Polished, plated blades with satin finished body. Can be re-sharpened many times with file.

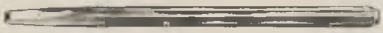


No.	Width Bit	Length	Size Stock	Price
1916	5/16"	6 1/2"	1/4"	$0.70
1917	3/8"	7"	1/4"	.80
1918	1/2"	8"	1/4"	1.10
1919	3/4"	9"	1/4"	1.70

No. 19014 — Set of Four Chisels described above in Leatherette Roll.....Price $4.80
Weight 2 lbs.

Heavy Duty Cold Chisels

Made from special Chrome Alloy Steel, properly heat treated for extra heavy duty. Heavily plated with polished blade.



No.	Width Bit	Length	Size Stock	Price
1908	1/2"	16"	3/4"	$2.30
1909	1"	18"	1 1/8"	2.70

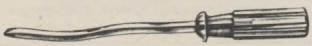
Heavy Duty Punches

The two Punches listed below are for extra heavy duty, one being straight type, the other tapered. Made from Alloy Chromium Steel, properly heat treated. Polished, plated blades with satin finished body.



No.	Width Bit	Length	Size Stock	Price
1958	1/4" Str.	11"	1/2"	$2.30
1959	1/4" Tap.	11"	1/2"	2.20

Tool for Removing Broken Glass



Anyone removing glass from broken windshields will appreciate this tool. DuroLite Handle with 1/4" square Chrome Vanadium Steel Blade properly shaped to pry glass loose from frames. The Amber DuroLite Handle forms an attractive contrast with the satin finished blade with polished point.

No. 1569 — Glass Tool.....Price $1.75
Weight 5 oz.

Super Quality Full Forged Snips



Straight Pattern Circle Pattern

Super Quality Full Forged Snips

The mechanic who uses this type of tool appreciates and only wants the best. In the six numbers listed below you can cover practically every requirement with the certainty you are giving a real value in a quality tool.

Machine Hollow Ground

You and your customer both realize the importance of the grinding of the cutting edges.

Fully Heat Treated

Another outstanding quality in these tools is the Special High Carbon Steel which has been scientifically heat treated.

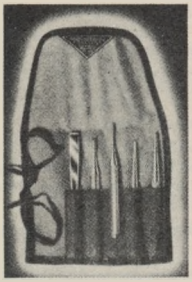
Tested and Accurate

Every pair of Super Quality Snips is carefully tested and accurately adjusted for cutting.

Straight Pattern					Circle Pattern	
No.	Price	Length	Cutting Edge	Weight Per Doz.	No.	Price
5407	$1.45	7"	2"	6 lbs.	5507	$1.95
5410	1.80	10"	2 3/4"	12 lbs.	5510	2.40
5412	2.00	12"	3 1/4"	20 lbs.	5512	3.10

DURO-CHROME Chisel and Punch Sets

5 Pieces



Five piece Punch and Chisel Set in leatherette roll.

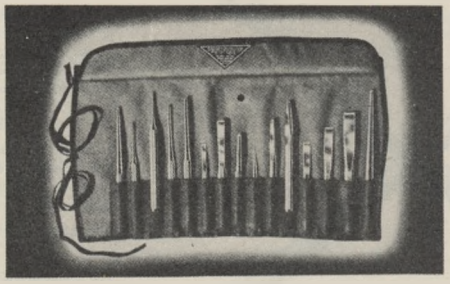
CONTENTS

1900 1940
1941 1950
1970

No. 19002 — 5 Piece Punch and Chisel Set . . . . . Price $2.75

Weight 8 oz.

15 Pieces



A very complete and comprehensive assortment of Punches and Chisels. Self-lined substantial leatherette roll.

CONTENTS

1952 1910 1921
1943 1912 1900
1944 1971 1901
1945 1950 1902
1946 1931 1953

No. 19001 — 15 Piece Punch and Chisel Set . . . Price $10.25

Weight 3 lbs.

5 Pieces



A combination of 5 special tools that are very useful. In roll.

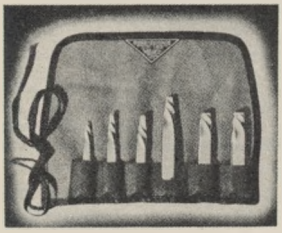
CONTENTS

1900 1910
1920 1930
1971

No. 19006 — 5 Piece Punch and Chisel Set . . . . . Price $3.15

Weight 12 oz.

Screw Extractor Sets



Furnished either as a 6 piece or 4 piece set in leatherette roll.

1391
1392
1393
1394
1395
1396

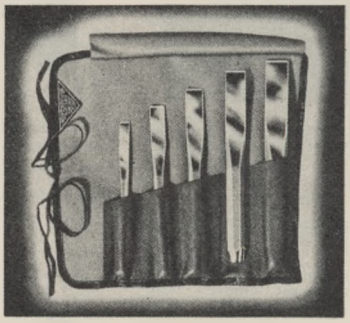
No. 1399—Six Piece Screw Extractor Set as illustrated . . . . . Price $6.00

Weight 1 lb.

No. 1398—Four Piece Screw Extractor Set same as above less 1395 and 1396 . . . . . Price $3.70

Weight 10 oz.

Cold Chisel Sets



The five most popular Cold Chisels in leatherette roll as follows:

1901 1903
1902 1904
1905

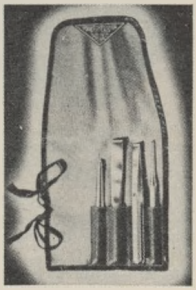
No. 19005 — 5 Piece Chisel Set as illustrated . . . . . Price $5.75

Weight 3¼ lbs.

No. 19003 — 3 Piece Chisel Set same as above less 1904 and 1905 . . . . . Price $2.50

Weight 1 lb.

4 Pieces



A four piece combination set that should be in every mechanic's kit.

1902 1912
1971 1943

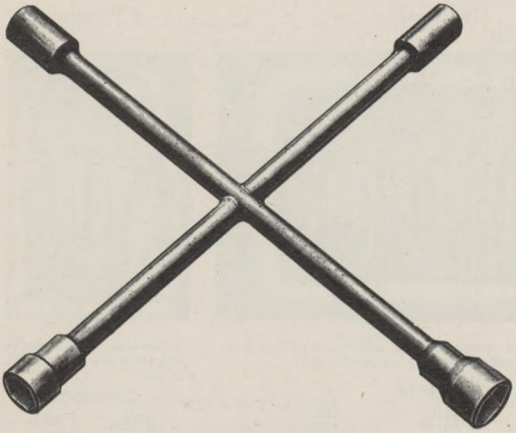
No. 19004 — 4 Piece Set as illustrated . . . . . Price $3.00

Weight 1 lb.

See page 95 for detailed description of these tools.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Heavy Duty Truck Cross Rim Wrench



with
Six Socket Sizes

A real service tool for trucks that makes it easy to remove nuts for making tire changes. The length of the Wrench from end to end across is 24", giving ample leverage and allowing the use of two hands, one on each end.

Socket Sizes

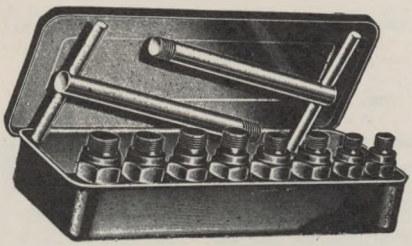
In the combination of Sockets will be found those that fit latest Ford and Chevrolet trucks as well as many other popular trucks. The six sizes are as follows:—

⅞", 1⅛", 1¼", 1⅜" Hexagon, ⅝" and ⅞" Square.

The Wrench is forged from Special Analysis Steel, heat treated, tempered and finished in baked red enamel.

No. 455 — Heavy Duty Truck Cross Rim Wrench.....Price $9.00
Weight 13 lbs.

Cylinder Head Lifter Set



With the use of these tools you can conveniently break the seal and lift the cylinder head off any motor. All tools are made from high grade steel, case hardened and heat treated, in heavy metal box.

CONTENTS OF SET:

2 — 6¾" T Handles, 2 — Socket Plugs of each of the following sizes: ¼" — 18 Thread, ½" Pipe Thread, 14 mm. Thread, 18 mm. Thread.

No. 60 — Cylinder Head Lifter Set.....Price per set Complete, $4.80
Weight 5 lbs.

Escutcheon Tool for Door Handles



A "Three Handed" job is made easy with this tool. Insert shows method of use and can be leaned against, leaving both hands free.

No. 1511 — Door Handle Tool.....Price $0.60
Weight 3 oz.

Heavy Duty Tire Hammer



A Heavy Duty Drop Forged 3 lb. Hammer much better than most sold for this purpose. Properly tempered and will withstand hard use without chipping. Best quality second growth hickory handle; black body, polished face and pein.

No. 1518 — Heavy Duty Tire Hammer.....Price $2.50
Weight 3½ lbs.

DeLuxe Heavy Duty Hammer

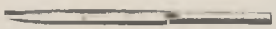


Designed for heavy duty tire work and other work where an unbreakable handle is desirable. Head cannot come off nor the handle loosen or break. Inlaid hardwood pads give comfortable grip.

No. 1510 — De Luxe Heavy Duty Hammer..Price $5.00
Weight 3½ lbs.

Tire and Rim Service Tools

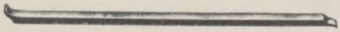
Ring Tool



A very desirable tool for removing and replacing lock type ring on various types of wheels. Special Alloy Steel, heat treated, tempered, hardened, heavily plated. Length 15".

No. 1761 — Ring Tool ..... Price $0.75
Weight 1½ lbs.

Side Ring Tool



This double end tool is designed for fast and easy removal of side rings on standard rims. Length of 20" allows powerful leverage. Drop forged from special Alloy Steel, heat treated, tempered, hardened, heavily plated.

No. 1762 — Side Ring Tool ..... Price $1.30
Weight 1¾ lbs.

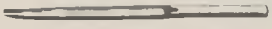
Rim and Tire Iron



This 20" tool has extra long leverage. Drop forged from special analysis steel, heat treated, tempered, hardened and plated. A very desirable tool for unlocking and locking split type rims.

No. 1758 — Rim and Tire Iron ..... Price $1.00
Weight 2 lbs.

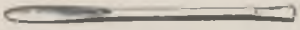
Rim and Tire Tool



This type tool is preferred by many for replacing and removing lock rings. Length 15½". Special analysis steel, heat treated, tempered, hardened and heavily plated.

No. 1760 — Rim and Tire Tool ..... Price $0.75
Weight 1½ lbs.

Flat Spoon Type Tire Iron



This pattern is furnished in both 18" and 23" lengths for passenger cars and trucks. On account of broad blades avoids damage and bruises to tire.

No. 1756 — 18" Flat Type Tire Iron ..... Price $1.10
Weight 2 lbs.

No. 1757 — 23" Flat Type Tire Iron ..... Price $1.40
Weight 2¾ lbs.

Curved Spoon Type Tire Iron

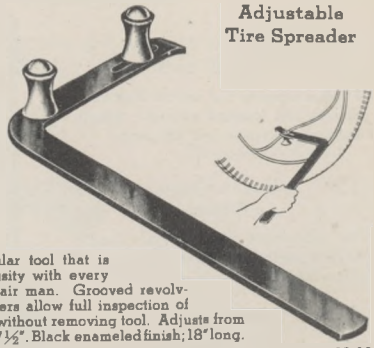


This type iron is very similar to those shown above and is used in connection with each other. The curved face, when used with the straight face listed above, makes a very desirable combination for removing and replacing tires. Two lengths, 18" and 23". Special analysis steel, heat treated, tempered and heavily plated.

No. 1758 — 18" Curved Spoon Type Tire Iron .....
..... Price $1.15
Weight 2 lbs.

No. 1759 — 23" Curved Spoon Type Tire Iron .....
..... Price $1.45
Weight 2¾ lbs.

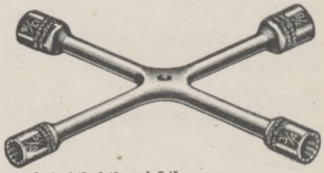
Adjustable Tire Spreader



A popular tool that is a necessity with every tire repair man. Grooved revolving rollers allow full inspection of casing without removing tool. Adjusts from 5½" to 7½". Black enameled finish; 18" long.

No. 1751 — Adjustable Tire Spreader ..... Price $2.10
Weight 2¾ lbs.

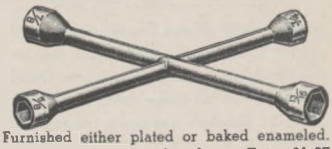
Chrome Vanadium Steel Cross Rim Wrench



A quality drop forged four-way Chrome Vanadium Steel Rim Wrench 15⅝" long. Sockets are accurately machined, 6 Point hexagon openings, sizes ⅝", ⅞", ¾" and ⅞".

No. 2099 — Chrome Vanadium Steel Cross Rim Wrench, with 6 Point hexagon Sockets ..... Price $4.20
Weight 2¾ lbs.

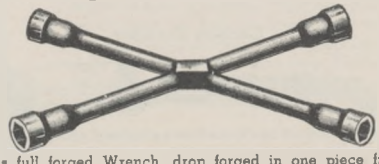
4-Way Rim Wrench



A sturdy Wrench with deep forged sockets, ¾", ⅞", ⅞" and ⅞". Will fit rim and hub bolts on nearly all cars. Furnished either plated or baked enameled.

No. 635 — 4-Way Rim Wrench, plated ..... Price $1.27
No. 635P — 4-Way Rim Wrench, enameled Price $1.17
Weight 2½ lbs.

Forged Cross Rim Wrenches



This full forged Wrench, drop forged in one piece from special analysis carbon steel, is built for extreme service. Note special depth of all four sockets. Extra long arms will clear all fender obstruction on modern cars. Heavily plated, rust-proof finish. Socket sizes ¾", ⅞", ⅞" and ⅞". Length 13".

No. 454 — Forged Cross Rim Wrench ..... Price $1.50
Weight 2½ lbs.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

DURO-CHROME Improved Piston Ring Tool

Range 2" to 5"

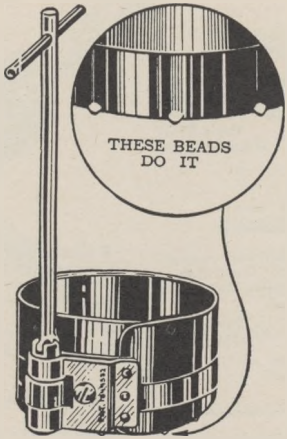
A range capacity that will fit practically all cars and gasoline engines. Simply and easily adjusted over full range.

Use in Close Places

The construction and removable handle makes it possible to work in very restricted places such as at bottom of cylinder.

Beaded Edge

The beads on the bottom (shown in inset) prevent the tool from entering the cylinder when installing the piston.



Prevents Breakage

The closeness and firmness with which this tool compresses the rings of any style prevents flaring and breakage of rings when entering cylinder.

Extra Heavy Tension Band

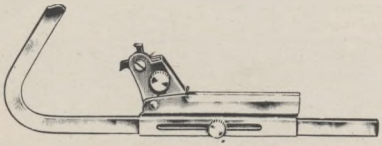
The Tension Band is extra heavy spring steel held firmly in place automatically by tension brakes.

Long "T" Handle

The removable 6" "T" Handle adjusts quickly the Tension Band, making it possible to either tighten or loosen the band at the convenience of the operator.

No. 785 — Improved Piston Ring Tool . . . . . **Price $1.90**
Packed individually, 12 to carton. Weight Per Doz. 9 lbs.

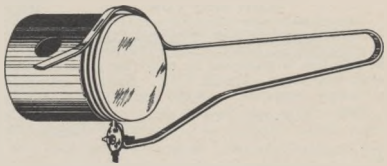
De Luxe Piston Groove Cleaner



At last a Piston Groove Cleaner that does not chatter, is convenient to use, easily adjusted and does the job quickly in a workmanlike manner. Four Cutter Blades, 3/32", 1/8", 5/32" and 3/16". Will not gouge, catch in oil holes or climb out of grooves. Constant pressure is controlled by compensating spring.

No. 786 — De Luxe Piston Groove Cleaner . . Price $3.00
Weight ½ lb.

Piston Ring Groove Cleaner



A simple inexpensive Piston Groove Cleaner that will fit practically any size piston. Simple to operate, nothing to adjust. Four Cleaning Blades made from hardened and tempered steel. Widths 3/32", 1/8", 5/32" and 3/16".

No. 787 — Piston Groove Cleaner . . . . . Price $0.80

No. 787B — Blade only for above . . . . . Price $0.50
Weight ¼ lb.

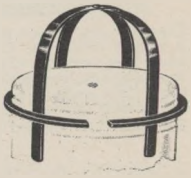
Carbon Scraper



A husky efficient tool that offers exceptional utility as well as value. The ten oil tempered steel spring Blades are controlled by simple slide so as to adjust the rigidity. Makes cleaning of cylinder heads, blocks, valve parts, etc., a simple, easy job.

No. 791 — Carbon Scraper . . . . . Price $0.70
Weight 5 oz.

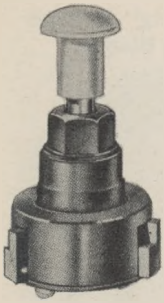
Piston Ring Skids



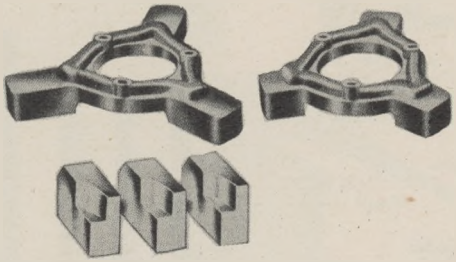
These handy, yet inexpensive tools, made of light gauge spring steel, are necessary for installation of piston rings. Avoid piston ring breakage and reduce installation costs.

No. 159 — Piston Ring Skid . . . . . Price $0.22

Super Quality Cylinder Ridge Reamers



A quality tool in every respect and one that is a necessity in any shop that reconditions motors or puts in new pistons and rings.



Universal Model

This model, including all parts as illustrated, can be adjusted to work on all model cars except Ford Model 60 and foreign cars with bore less than 2⅛". In the numbers below are offered choice of either universal type, small range or large range.

No. 799 — Universal Cylinder Ridge Reamer as illustrated above with large and small plate as well as short and long cutters, range 2⅛" to 4⅞". **Price $12.75** Weight 5 lbs.

No. 797 — Small Range, 2⅛" to 3⅝" with small rest plate and short cutters. **Price $9.00** Weight 3 lbs.

No. 798 — Large Range, 3⅛" to 4⅞" with large rest plate and long cutters. **Price $9.50** Weight 3¾ lbs.

No. 799SC — Set of Three Short Cutters. **Price $3.30**

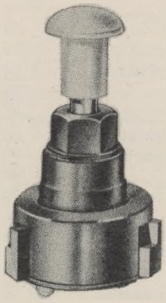
No. 799LC — Set of Three Long Cutters. **Price $3.30**

No. 799SP — Small Rest Plate Only. **Price $1.00**

No. 799LP — Large Rest Plate Only. **Price $1.00**

Super Quality Cylinder Ridge Reamer (for Ford and Small Cars)

The Ridge Reamer is similar to the ones described above except the plate is not used. Removes unworn part at the top of the cylinder which prevents excessive use of oil and stops motor noises. This expanding type tool with three cutting blades does the job quickly and without chatter marks. Easily adjusted and simple to operate.



The bottom portions of the cutters act as guides and follow the cylinder walls which prevents excessive removal of material. The tool is placed in top of piston, adjusted to correct depth, then by adjusting cutters and placing pressure on knob the entire tool is turned with a wrench. It might be necessary to make several adjustments to complete the job. Avoid taking too heavy a cut at one time.

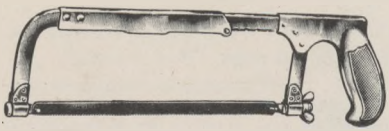
No. 796 — Ridge Reamer, 2⅜" to 2⅝", complete as illustrated. **Price $8.25** Weight 2½ lbs.

No. 796CC — Set of Three Cutters for above. **Price $3.30**

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro Quality Hack Saw Frames

De Luxe Model



Rugged all metal frame with knurled metal pistol grip, a frame that any mechanic would like to own. Adjustable from 8" to 12". This type is especially adaptable for the hard service required from the auto mechanic, plumber and electrician.

No. 9031 — De Luxe Hack Saw Frame .....
(with blade) ..... **Price $2.00**
Weight 1½ lbs.

Master Senior Model



A substantial, solid frame especially desirable for cutting gas and oil lines, splitting bushings and work in restricted space. Will work in hole ⅝" diameter; 15½" overall, uses 10" blade.

No. 9043 — Master Hack Saw Frame .....
(with blade) ..... **Price $2.00**
Weight ¾ lb.

Leader Junior Model



A small handy frame using 6" blade, very rugged and for use on light work or in a limited amount of space.

No. 9041 — Leader Junior Frame .....
(with blade) ..... **Price $1.00**
Weight 5 oz.

Leader Slim Model



Same construction as one above except no offset. Works in ¾" hole.

No. 9040 — Leader Slim Model Frame .....
(with blade) ..... **Price $1.00**
12 to a carton. Weight 5 oz.

Leader Utility Model



A handy Hack Saw Frame with 6" blade that is an asset in any mechanic's tool kit or around the home.

No. 9042 — Leader Utility Model .....
(with blade) ..... **Price $0.50**
12 to a carton. Weight 4 oz.

Duro-Chrome "Viking" Swedish Steel Hack Saw Blades



The above illustrated Hack Saw Blade Merchandiser hardly needs an explanation as to its utility in filling a need for a stock display of popular high quality Hack Saw Blades. These Blades, by severe tests, have proven their superior quality over blades costing twice as much. The Display includes 12 dozen Blades, two dozen each of the lengths and sizes shown below.

No. 9000D — Hack Saw Blade Merchandiser with 12 Dozen Super Quality "Viking" Swedish Steel Blades ..... **Price $22.00**
Weight 13 lbs.

Swedish Steel Blades Only

No.	Length	Teeth Per Inch	Price Per Dozen
9011	10"	18 Coarse	$1.67
9012	10"	24 Medium	1.67
9013	10"	32 Fine	1.67
9021	12"	18 Coarse	2.00
9022	12"	24 Medium	2.00
9023	12"	32 Fine	2.00

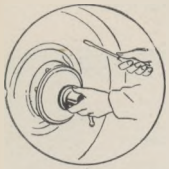
10" Blades ..... Weight ¾ lb. per Dozen
12" Blades ..... Weight 1 lb. per Dozen

18 teeth per inch is recommended for tool steel, brass, copper and cast iron; 24 teeth per inch for tubes, sheets and general purpose work; 32 teeth per inch for thin wall tubing of all kinds, thin sheets, etc.

Blades for Junior-Slim-Utility Frames

We recommend in this 6" blade the 32 teeth per inch type. These blades are of exceptional quality properly tempered so as to give maximum service. Will fit Nos. 9040, 9041 and 9042. Packed one dozen to the package.

No. 9006 — Package 1 Dozen Junior Hack Saw Blades ..... **Price $1.67**
Weight per doz. 3 oz.



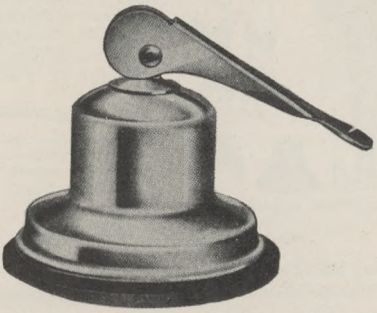
Removing Hub Caps

"Vac-Lok-Grip" Lens and Glass Tool



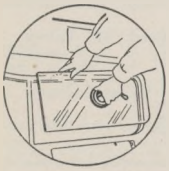
Removing Headlight Lens

The Tool With Locked Vacuum



Patented and Patents Pending

Prevention of One Accident Pays For It



Replacing Windshields

Headlamp Lens — Hub Caps — Glass

Acclaimed by Service Stations, Garages and Mechanics as the only 100% satisfactory tool for these jobs that they ever used. The cam lever draws the suction disc into the heavy metal shell, permanently locking the tool to any smooth surface. Nothing to get out of order. Heavily Cadmium Plated.



Replacing Window Glass

Handles Most Hub Caps

Any Hub Cap that has sufficient smooth surface to which the tool can be applied can usually be removed easily with this tool. Apply tool opposite the lugs and give sharp pull to remove cap.

Time Saver and Accident Preventer

Not only the most convenient tool of this type ever made but also will, when used, save time and prevent accidents which might be both painful and costly.

Installing Glass and Frost Shields

Takes all of the awkwardness out of setting glass in doors, windows and windshields as well as preventing costly accidents. Keeps finger marks off the inside of frost shields when installing.

Grips Any Smooth Surface

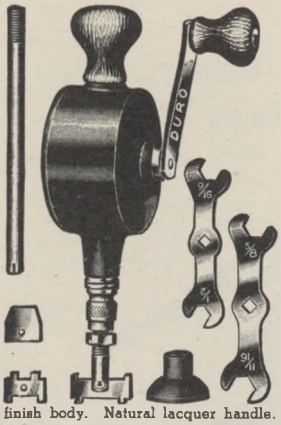
This tool will attach itself to any smooth surface such as sheet metal, heavy cardboard, plywood and similar surfaces and will be found a great convenience.

No. 999 — "Vac-Lok-Grip" Tool ..... Price $2.00

In individual cartons packed 24 to case. Weight each ½ lb.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Master Valve Grinder



Especially designed so as to advance and have the reverse motion at a different place at each revolution of the handle, insuring an absolute perfect job. Body of close grain iron. Ball bearing thrust insures ease of action. Long and short extensions provided. Heat treated, tempered and hardened gears. With the fittings furnished, it is possible to grind all types of valves. 3 Universal Type Blades and Rubber Vacuum Cup furnished, with a Valve Grinding Spring. Gray baked enamel finish body. Natural lacquer handle.

No. 711 — Valve Grinder ..... **Price $4.20**
Weight 2½ lbs.



Advancing Reciprocating Type Valve Grinder

This Grinder offers a tool of the very latest type, not only reciprocates when turning the handle, but also advances with a progressive action. A sturdy tool with hardened gears, ball bearing thrust, heavy drawn case, green baked enamel finish, as illustrated, complete.

No. 412 — Valve Grinder ..... **Price $1.90**
Weight 1¼ lbs.

No. 701 — Set of 4 Fittings ..... **Price $0.30**

No. 710 — Rubber Vacuum Cup ..... **Price .12**



"Read Head" Vacuum Valve Grinder

This vacuum type Valve Grinder has a rotating guard and pressure plate that allows the operator to apply more pressure, thereby doing faster and better work as well as protecting the hands from coming in contact with the studs. Metal parts are heavily cadmium plated. Hard wood handle, finished in baked red enamel.

No. 703 — Valve Grinder ..... **Price $0.65**
Weight 5 oz.

Ford "A," "B" and "V8" Valve Guide and Spring



This ingenious device solves the problem for a valve guide as well as relief spring when grinding valves on Ford cars. One style is for models "A" and "B," while the other style is for "V8" except "V8-60."

No. 200AB — Guide for Ford "A" and "B" ..... **Price $1.10**

No. 200V8 — Guide for Ford "V8" 1932-38 except "60" ..... **Price $1.10**
Weight 3 oz.

Valve Grinding Spring

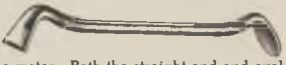
Applies proper tension under valve when grinding.



No. 740 — Valve Grinding Spring ..... **Price $0.05**
Weight 1 oz.

Carbon Scraper

Forged from Chrome Vanadium Steel and so designed as to reach nearly any part of the motor. Both the straight end and oval end have knife-like edges.



No. 1999 — Carbon Scraper ..... **Price $1.20**
Weight 3 oz.

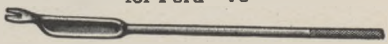
Ford "V8" Valve Tool



A drop forged tool especially designed for compressing Ford "V8" valve spring to enable removing or inserting bushing key. Length, 20½".

No. 2192 — Ford "V8" Valve Tool ..... **Price $1.20**
Weight 1¾ lbs.

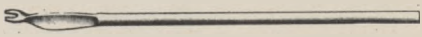
Heavy Duty Valve Spring Compressor for Ford "V8"



Especially designed and drop forged for compressing valve springs on Ford "V8" all models so as to permit removal of valve keeper and guide lock. Its 21" length furnishes ample leverage to perform this operation with minimum of effort. Heavily plated.

No. 2193 — Heavy Duty Tool for Ford "V8" Valves ..... **Price $2.20**
Weight 2 lbs.

Chrome Vanadium Steel Valve Lifters for Ford "V8-60," Ford "V8-85," Zephyr and Mercury

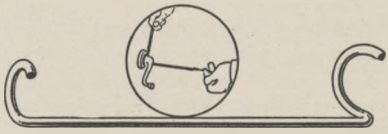


An extra long as well as powerful tool is required to break loose the valve guides on above cars. The special lengths give both additional leverage as well as convenient reach of these quite inaccessible valve guides.
Made of Chrome Vanadium Steel with heads drop forged and properly hardened and tempered. Available in 24" or 32" lengths.

No. 2194 — 24" Valve Lifter for "V8-60" Fords ..... **Price $3.00**
Weight 2 lbs.

No. 2195 — 32" Valve Lifter for "V8-85" Fords, Mercury and Zephyr ..... **Price $4.00**
Weight 2¾ lbs.

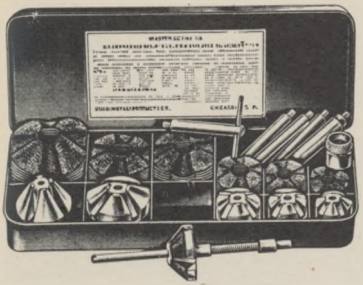
Escutcheon Tool for Door Handles



A "Three Handed" job is made easy with this tool. Insert shows method of use and can be leaned against, leaving both hands free.

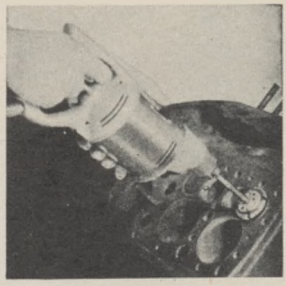
No. 1511 — Door Handle Tool ..... **Price $0.60**
Weight 3 oz.

Flexible Drive Valve Reseating Tools
ABRASIVE TYPE



For Hard
or Soft
Valve Seats

Replaceable
Discs

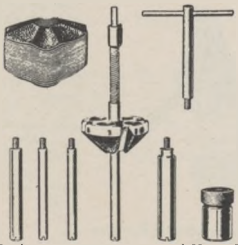


Master Set

This is truly a Master Valve Reseating Set containing six Heads listed in other column as well as seven Pilots, Ford "V8" Guide, Flexible Drive, T-Handle and thirty-six assorted Discs, all packed in a heavy metal box with convenient partitions.

No. 715 — Master Reseating Set ..... Price $15.50
Weight 7 lbs.

Foundation Set



This set, packed in carton, consists of No. 722 Head, five Pilots, Ford "V8" Guide, T-Handle, Flexible Drive and twenty-five assorted Discs.

No. 725 — Foundation Set ..... Price $5.85
Weight 1¾ lbs.

Special Set for All Chevrolets



This set consists of three Heads fitting all Chevrolet four and six cylinder models, including 1939, together with two Pilots, Flexible and T-Drives and thirty-six assorted Discs. Packed in metal box.

No. 716 — Special Reseating Set for Chevrolet Cars
..... Price $8.70
Weight 3 lbs.

Heads and Accessories

**721	1⅛" x 1⅝" 45° Head	$1.35
722	⅞" x 2¼" 45° Head	1.35
†729	⅞" x 1⅞" 30° Head	1.35
†730	⅞" x 1⅞" 30° Head	1.35
723	1⅛" x 2⅝" 30° Head	1.50
724	1" x 2⅜" 60° Head	1.50
**725P10	⅝" Pilot	.50
†725P11	11/16" Pilot	.50
725P12	¾" Pilot	.50
725P14	⅞" Pilot	.50
*725P19	19/32" Pilot	.50
725P21	21/32" Pilot	.50
725P25	25/32" Pilot	.50
728	"V8" Ford Pilot Guide except "60"	.60
726	Flex Drive	.80
727	T-Handle Hand Drive	.50

*For Ford "A" and "B."

**For Chevrolet 1934 and earlier.

†For Chevrolet 1935-38.

Discs for Reseaters

The Discs are carefully formed and are sold only 25 of one grade to the package.

Head No.	Fine	Medium	Coarse	Price Box of 25
721	721D25F	721D25M	721D25C	$1.87
*722	722D25F	722D25M	722D25C	2.20
*723	722D25F	722D25M	722D25C	2.20
724	724D25F	724D25M	724D25C	3.17
729	729D25F	729D25M	729D25C	1.87
730	730D25F	730D25M	730D25C	1.87

*722 and 723 use same size.

Over-Head Valve Tappet Tool



For adjusting tappets on over-head valves while the motor is running, this tool will do the job in a most efficient and convenient way.

Retracting Blade

Due to an easy operating spring within the handle, the blade follows the up and down motion of the tappet, leaving the hand perfectly steady to make the necessary adjustments.

For Buick-Nash-Chevrolet

Over-head valve motors are used on all these popular cars, assuring an equal popularity of this tool by the mechanic.

Made with shock- and break-proof handle, 6" overall, with blade protruding 2¾".

No. 709 — Over-head Valve Tappet Tool.
..... Price $1.40
Weight 3 oz.

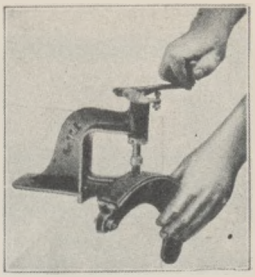
MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro Brake Lining Tools



Drill and Countersinking Tool

This Drill and Countersinking Tool, together with the Riveting Machine make a very desirable combination in any shop. Disappearing Pilot locates holes accurately, depth gauge controls countersinking. Machine comes equipped with popular size Drill and Countersinking Tool.



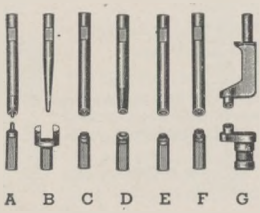
No. 775—Brake Lining Drill complete with 1/4" x 3/8" Drill and Countersink. . . . . Price $13.40
Weight 5¾ lbs.

No. 775A—1/4" x 3/8" Drill and Countersink Bit only. . . . . Price $1.20

No. 775B—3/16" x 3/8" Drill and Countersink Bit only. . . . . Price $1.50

No. 775C—5/64" x 3/8" Drill and Countersink Bit only. . . . . Price $1.50

Tools for Nos. 768 and 7700



The Punches and Anvils illustrated are for use with all Nos. 768 and 7700 machines. Note:—Above tools are not suitable for the earlier model No. 770 Machine. Be sure to specify if wanted for No. 770. See price sheet.

Description	Price
No. 768A—Countersinking Punch Set	$1.20
No. 768B—Set for Removing Old Rivets	1.00
No. 768C—Set for Riveting Clutch Facings	1.20
No. 768D—Set for Riveting Brake Lining	1.00
No. 768E—Riveting Punch for Curling 3/16" Tubular Rivets	.85
No. 768F—Riveting Punch for Star Splitting 3/16" Tubular Rivets	.85
No. 768G—Offset Anvil and Punch	5.85
No. 768GA—Offset Anvil only	2.00
No. 768GP—Offset Punch only	4.00

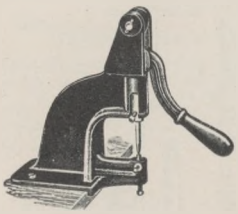
Hand Brake Lining Set



This set is especially designed for the car-owner or mechanic who only has use for a riveting set occasionally. With a Vise, Hammer and Drill Brace he can do a lining job on ordinary types of lining.

No. 767—Set complete (4 pieces) in carton . Price $0.95
Weight 7 oz.

Brake Lining Riveter



The Brake Lining Riveter illustrated on the left is quite satisfactory in shops where there is only an occasional use for riveting tool. It will handle all types of lining on both external and internal use. Riveter comes complete with Knock-Out Punch, two Riveting Punches and one Perforating Punch.

No. 7700—Brake Lining Riveter. . . . . Price $16.20
Weight 20 lbs.

Heavy Duty Brake Lining Cutter



Open end throat—lining can be put in from either the side or front and cut to any desired length. Cam and lever action gives a draw cut shearing motion, clean-cut and easy to operate. No gears. Will handle all lining up to 6" wide and ½" thick. Both blades are removable and adjustable. Body finished in baked gray and red enamel, trimmings cadmium plated.

No. 773—Brake Lining Cutter. . . . . Price $25.00
Weight 19¼ lbs.

Wire Brushes and Electric Drill Accessories

Carbon Cleaning Brushes



This Brush 1" in diameter with ¼" shank is made from black tempered wire securely fastened in the head. When used in an Electric Drill removes carbon deposits from valve seats, heads, etc. Also used for removing rust, paint and burrs.

No. 3381—1" Wire Brush.....Price $1.50
Weight 4 oz.

Special Grade Wire Brush



This Brush is made from special grade crimped wire, 1⅛" diameter with ¼" shank and is intended for similar purposes to the brush shown above, especially in shops and garages where it will receive very severe service and where wearing qualities are desired.

No. 3362—1⅛" Special Wire Brush
.....Price $3.50
Weight 8 oz.



Music Wire Brush

A Brush of highest quality ⅞" diameter with ¼" shank especially desirable for close quarters and small valve seats. Will give maximum service under the most severe working conditions.

No 3363—⅞" Music Wire Brush .....
.....Price $3.00
Weight 5 oz.

Wire Brushes for Valve Guide Cleaning

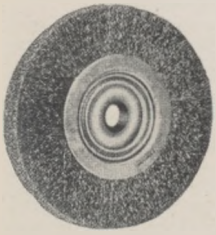


These Brushes are spirally constructed and fitted with fluted wooden handles making it easy to spin between the hands. Will thoroughly clean and polish Valve Guides without injury. The following sizes fit nearly all cars.

No.	Size	Price
3370	⅝"	$1.30
3372	¾"	1.30
3374	⅞"	1.30
3375	1"	1.30
*3378	1⅛"	1.30
**3379	1¼"	1.30

*For Ford "A" and "B". **For Ford "V8" except "60"
Weight 4 oz.

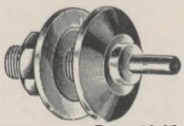
Heavy Duty Wire Brush



This Brush is specially designed to be used with the Arbor shown below with Electric Drills. Very desirable for garages and repair shops for all heavy duty buffing and cleaning. Safety construction, easy to handle, long life. 4" outside diameter with ½" hole, approximately 1" thick.

No. 3351—Heavy Duty 4" Wire Brush..Price $4.00
Weight 2 lbs.

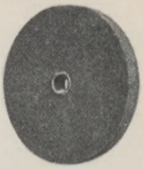
Arbor for Electric Drill



For any Heavy Duty Electric Drill with capacity of ¼" or over. For cutting wheels, wire brushes, etc., not over 4" in diameter with ½" center hole. Handy to grind down or polish in restricted places.

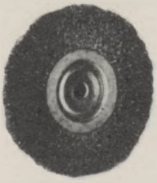
No 3350—Drill Arbor .....Price $0.67
Weight 8 oz.

Grinding Wheels



Coarse grit for general grinding work. Fine grit for knives, sharp edge tools, etc. ½" hole can be used on Arbor No. 3350.

No. 3214C—4" Coarse Grit Wheel.....Price $0.75
No. 3214F—4" Fine Grit Wheel.....Price $0.75
Weight 8 oz.



Light Wire Scratch Brushes

A well made, firmly set Wire Scratch Wheel. All sizes have ½" Arbor hole. Very good grade Brushes for ordinary use where extremely severe service is not necessary.

Weight 4 resp. 8 ozs.

	Price		Price
No. 3224C—4" Coarse Type	$0.90	No. 3226C—6" Coarse Type	$1.10
No. 3224F—4" Fine Type	1.10	No. 3226F—6" Fine Type	1.40

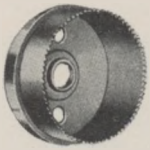
Wire Valve Guide Cleaning Brushes

These Brushes with an Electric Drill, ¼" capacity or larger, will thoroughly clean Valve Guides leaving surfaces polished and will not scratch. Wire arranged in spiral giving a thorough action without any possibility of damage. Weight about 4 oz. The following sizes will take care of practically all passenger cars and trucks.

No.	Size	Price	No.	Size	Price
3380	½"	$1.30	3385	½"	$1.30
3382	⅝"	1.30	*3388	⅝"	1.30
3384	¾"	1.30	**3389	¾"	1.30

*For Ford "A" and "B". **For All Ford "V8" except "60".

High Speed Steel Hole Saws



Designed for use with ½" or ⅝" Electric Drills. These Saws are made from Special High Speed Steel and will retain a good cutting edge much longer than similar appearing Saws made from ordinary steel. Very desirable for auto mechanics, plumbers and carpenters. Furnished in the following popular sizes:

No.	Dia. of Saw	Price	No.	Dia. of Saw	Price
3390	¾"	$1.50	3394	1¼"	$1.70
3391	⅞"	1.50	3395	1⅜"	1.70
3392	1"	1.50	3396	1½"	2.00
3393	1⅛"	1.70			

Weight 4 oz.

Mandrel for Hole Saws



This Mandrel with ½" shank comes complete with pilot drill and fits all Saws listed above. Wt. 4 oz.

No. 3480—Mandrel for Hole Saws..... Price $2.00

Buffing Cloth Wheels



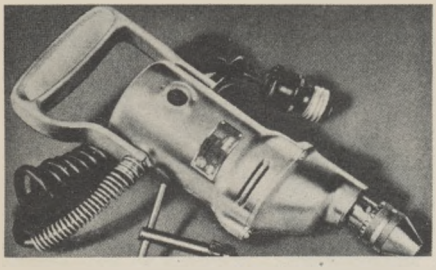
These fine grade cloth Buffing Wheels consist of eighteen layers of bleached muslin, all securely sewed together. All sizes have ½" arbor hole. Can be used with No. 3350 Arbor shown on this page.

No.—3204—4" Cloth Wheel.
.....Price $0.35

No. 3206—6" Cloth Wheel.....Price $0.55
Weight 2 oz.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro Electric Drills

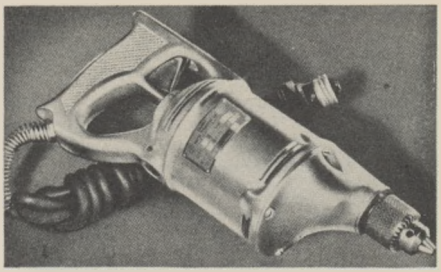


Utility Drill

A quality tool, not built to a price, but to meet the demand of the operator that needs a sturdy but light weight drill for close work and hard to get at places. Just the drill for cabinet work, pattern work, radio and airplane assembly and an excellent drill for the home workshop.

Duro Drills represent the finest quality materials and workmanship. Equipped with G. E. Motor; New Departure Ball Bearings on spindle; Jacobs keyed chuck; 10 feet of 3 wire safety cord and non-breakable plug. The G. E. Switch is totally enclosed in the main case to provide for close quarter drilling without handle. Double Reduction gears are helical cut and made from Chrome Vanadium heat-treated steel — quiet and smooth running. Length with handle, 11½ inches; without handle, 9¼ inches. Motor for 110 volt A.C. or D.C. current, 60 cycles or less. Prices furnished on special voltages on request.

No.	Duty	Capacity In Steel	No Load Speed	Shipping Weight	Price Each
3300	Utility	¼ in.	2000	5 lbs.	$19.95★

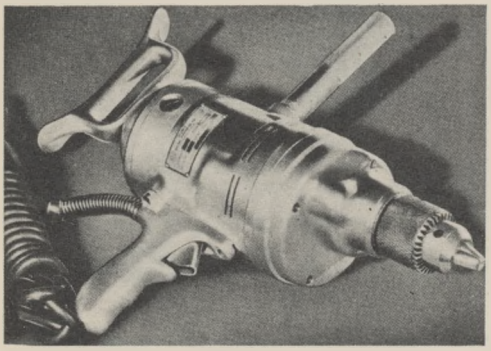


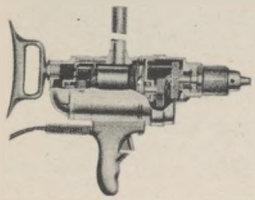
Pistol Grip Drills

More power per pound has been put into these drills than ever before thought possible. Duro Drills will not stall when used at their maximum rate of capacity, and have ample safety factor beyond that point. The aluminum case has sufficient ventilation to operate at full load continuously without overheating. Double reduction gears are helical cut Chrome Vanadium Steel — extra quiet, smooth and efficient. They are heat treated and ground to give longer life.

Equipped with G. E. Motor for 110 volt A.C. or D.C. current, 60 cycles or less. Jacobs keyed chuck; 10 feet of 3 wire safety cord and non-breakable plug. Fitted with totally enclosed double pole trigger switch with lock for continuous running.

No.	Duty	Capacity In Steel	No Load Speed	Shipping Weight	Price Each
3305	Ex-Heavy	½ in.	2000	10½ lbs.	$34.95★
3310	Heavy	⅜ in.	1400	11 lbs.	38.50★
3315	Special	½ in.	1300	12 lbs.	39.95★





Quality Construction

This cross section view shows the unique three unit construction which assures a more sturdy drill, perfect alignment, greater efficiency and easier accessibility. Also illustrates gear assembly, ball bearing spindle construction and motor features.

Breast Drills

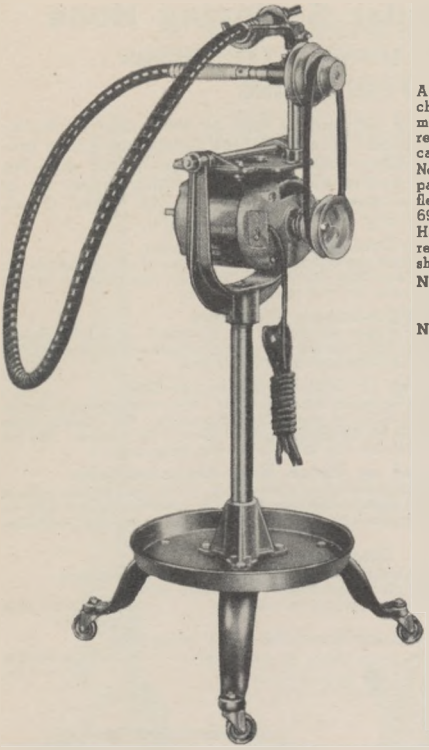
Efficiency and maintenance to meet factory and production work was the upper-most thought when Duro designed these drills. They are constructed in 3 self-contained units—motor—gears and brush mechanism. This assures greater efficiency, positive alignment and accessibility in cleaning and maintenance.

Like all Duro Drills, they are powered with special G. E. Universal Motors that will run continuously under maximum load without overheating or stalling. For 110 volt A.C. or D.C. current, 60 cycles or less. Prices furnished on special voltage on request. Equipped with Jacobs keyed chuck; 10 feet of 3 wire safety cord and non-breakable plug. Totally enclosed double pole switch with lock for continuous running.

Fitted with double reduction, helical cut gears made from Chrome Vanadium, heat-treated steel — ground to give longer life and smooth, quiet operation. NOTE that all Duro Drills are streamlined to give the minimum of offset to the center line of chuck and to allow operator to drill close to wall.

No.	Duty	Capacity In Steel	No Load Speed	Shipping Weight	Price Each
3320	Ex. Heavy	½ in.	880	20½ lbs.	$84.00★
3325	Heavy	⅝ in.	480	21½ lbs.	99.00★
3330	Standard	¾ in.	425	23½ in.	63.00★

★ NOTE: The Prices Shown are Net, No Discount from These Prices to Dealers or Mechanics.



Portable Flexible Shaft Heavy Duty Type

A new and improved design Flexible Shaft. It is ideal for the mechanic or shop requiring a compact and portable unit. The motor mounting swivels, the head casting, mounted on the solid steel post revolves on a ball bearing and the unit is mounted on ball bearing castors making it possible to use in the most difficult places.

Note the extra heavy constructed frame and base. Large 14 in. tool pan. Sturdy iron legs. Motor mounting also swivels to give more flexibility. Fitted with 4-step Jack Shaft to give a speed range of 690 to 4000 R.P.M.

Has many uses, such as polishing, grinding, drilling, buffing, carbon removing, body work, etc. Indispensable to any garage or workshop. Overall height 44 in. Leg spread 21 in.

No. 3074—Unit as pictured including 4-step Pulleys and Belt less Motor and Flexible Shaft.....$14.75★
Shipping weight 45 lbs.

No. 3075—Unit as pictured complete with 4-step Pulley and Belt, including heavy duty ball bearing Flexible Shaft and ½ H.P. GE Ball-Bearing Motor, 110 volt, 60 cycles, built-in Switch and 10 ft. Rubber Cord and Plug.....$43.95★
Shipping weight 95 lbs.

Ball Bearing Flexible Shaft
53-Inch Standard Type

Quality materials, careful design and workmanship make this a fine tool for general utility work. Handy around the shop for grinding, sanding, polishing, etc. Two rows of ball bearings at each end of shaft. All engaging parts heat-treated. Specially wound, select music wire inner core, ⅝ in. diameter guaranteed not to come unwound if run in proper direction. Heavy cadmium-plated, rust-proof flexible outer casing. Length overall 53 inches. Equipped with inner and outer motor coupling, chuck adaptor, washers, 3-jaw ¼ inch chuck and auxiliary handle.

No. 3071—Complete as illustrated.....$6.00★
Shipping weight 6 lbs.

No. 307133—Flexible Shaft Extension. Length 43 inches. For increasing length of Flexible Shaft to 95 inches overall.....$3.50★
Shipping weight 4 lbs.

60-Inch Flexible Shaft Type

Designed for heavier duty work in shops, garages, machine shops, woodworking and paint shops. Used for drilling, polishing, grinding, buffing, carbon removing, etc.

Fitted with new style outer casing, a combination of steel and tough fabric, which is extremely flexible and very durable. The heavy ⅜ inch core is made from specially wound music wire and rides on two rows of enclosed ball bearings at both ends of the shaft. The inner walls of the casing have a special lining which resists friction and wear and gives longer life to the core.

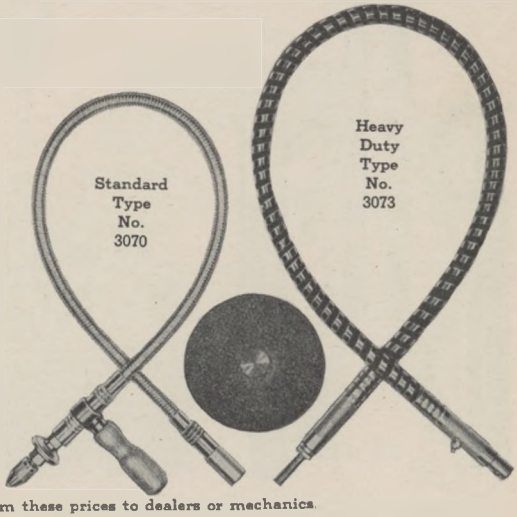
Heavy ½-inch, 24-thread spindle to fit both ¼ and ½-inch chucks, as well as other standard accessories. The overall length is 5 feet.

No. 3073—Flexible Shaft.....$14.25★

No. 307333—5 ft. Flexible Shaft Extension for above.....$14.95★
Shipping weight 12 lbs.

No. 3264—6 x ½" Flexible Sanding Disc, threaded to fit above shaft.....$1.60★
Shipping weight 1 lb.

No. 3263—Extra Sandpaper for above disc. Choice of fine, medium or coarse, each.....$0.10★



★ The Prices shown are net. No discount from these prices to dealers or mechanics.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro Quick Acting Cylinder Surfacing Hone

PREPARES CYLINDERS FOR EXPANDER TYPE RINGS

FOR BURNISHING AFTER BORING

Simple yet one of the most efficient as well as convenient Surfacing Hones ever offered to the trade. The Extra Fine Burnishing Stones provide cylinder finish that makes rings seat more rapidly and give the proper performance. The tool is sturdily made, nothing to get out of order and is furnished in two sizes, one with range of 2 3/16" to 3 1/4" (Small Size), the other with range 2 11/16" to 4 1/8" (Standard Size).

Less Than One Minute Per Cylinder

The operation of this tool is so simple and efficient that it takes only about one minute per cylinder to properly condition them. Dip the Hone in kerosene, compress the springs with your hands, slip tool in cylinder and it is ready to operate.

No Adjustments Necessary

After placing tool in cylinder no further adjustments are necessary. It is automatically centered by special springs which adapt the tool to any size cylinder within its range and holds the tool in correct position in relation to the cylinder wall.

Operates with ½" Standard Electric Drill

Any ½" Electric Drill handles the Surfacing Hone efficiently. We would especially recommend Duro Electric Drill No. 3320 shown on page 107 of this catalog. The whirling action will recondition the walls and take off the highly polished glaze in 20 seconds. The felt buffing guides that have been saturated with kerosene prevent flying dust.

Recommended by Piston Ring Manufacturers

All piston ring manufacturers recommend taking off the glaze, which this tool does without removing appreciably any of the metal, when new rings are installed whether they be standard or expanding type. This allows perfect and quick seating of the ring installation which means a satisfactory job.

Two Sizes

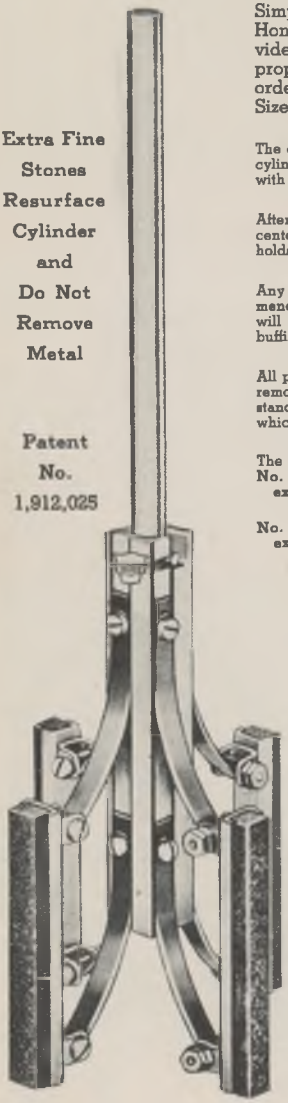
The two range of sizes listed below will take care of practically any requirements.

No. 8031—Surfacing Hone (Small Range) 2 3/16" to 3 1/4" range with extra set stones and guides.....Price $11.00★
Weight 2 lbs.

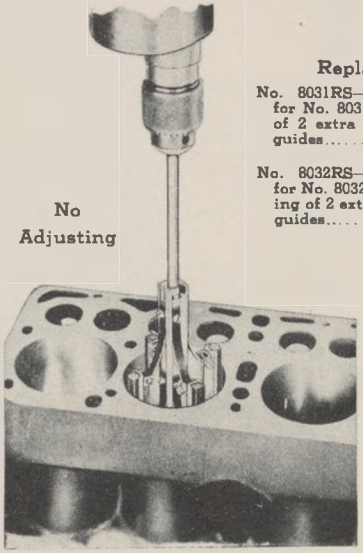
No. 8032—Surfacing Hone (Standard Range) 2 11/16" to 4 1/8" range with extra set stones and guides.....Price $8.50★
Weight 2 lbs.

Extra Fine Stones Resurface Cylinder and Do Not Remove Metal

Patent No. 1,912,025



No Adjusting



Replacement Stones

No. 8031RS—Set Replacement Stones for No. 8031 (Small Range) consisting of 2 extra fine stones and 2 buffing guides.....Price $4.00★
Weight ½ lb.

No. 8032RS—Set Replacement Stones for No. 8032 (Standard Range) consisting of 2 extra fine stones and 2 buffing guides.....Price $4.00★
Weight ½ lb

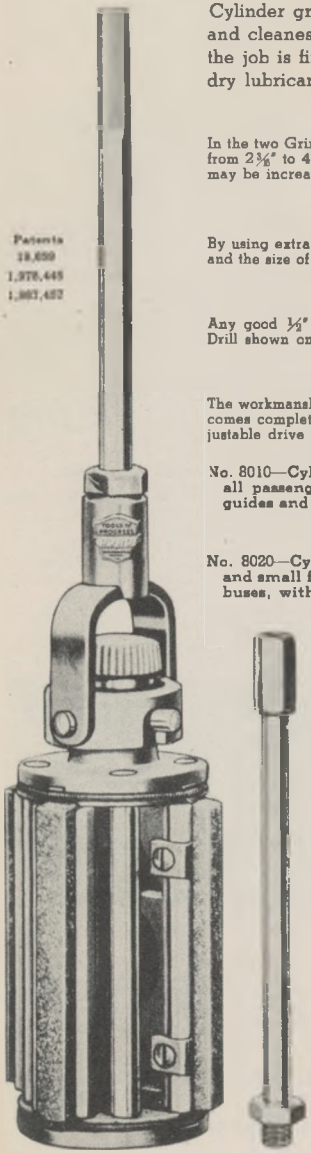
Electric Drill No. 3320 Shown On Page 107 Recommended for this Drill

★ These prices are net with no discount to dealers or mechanics.

Self-Lubricating Cylinder Grinders

Clean — Fast — Accurate Cylinder Grinding

Cylinder grinding is simplified and made profitable with this tool. The fastest and cleanest operating Cylinder Grinder made. Saves time when grinding as the job is finished. No time wasted in clean up as the dust is controlled with dry lubricant which makes vacuum cleaner unnecessary.



Furnished in Two Sizes

In the two Grinders listed below will be found a range to take care of every purpose — cylinders from 2 3/16" to 4 1/8" diameter are handled with these Grinders. With Oversize Carriers the range may be increased to 5 5/8".

Additional Range Slight Extra Cost

By using extra large stone carriers the size of the small range Grinder can be increased to 4 1/2" and the size of the standard range to 5 1/4".

Operates with 1/2" Electric Drill

Any good 1/2" Electric Drill will operate these Grinders successfully. Duro No. 3320 Electric Drill shown on page 107 is recommended for this purpose.

Highest Degree of Accuracy

The workmanship and design of these Grinders permits continuous accurate work. Each Grinder comes complete with one set of standard stones and one set of burnishing stones as well as adjustable drive shank.

No. 8010—Cylinder Grinder, range 2 3/16" to 4", recommended for practically all passenger cars, including Austin and Ford V8-60, with 2 sets of guides and stones, packed in steel box..... Price $39.00★
Weight 9 lbs.

No. 8020—Cylinder Grinder, range 2 5/16" to 4 1/2", cannot be used on Austin and small foreign cars, but handles other passenger cars, trucks, and buses, with 2 sets of guides and stones, packed in steel box..... Price $39.00★
Weight 9 lbs.

Replacement Stones and Extra Large Carriers



By using larger carriers the diameter capacity of both Grinders listed above may be increased. The stones listed below fit either Grinder; the carriers fit as specified. Set of stones consists of 2 stones and 2 buffing guides and all should be replaced at one time.

No. 8000C—Set 2 Coarse Stones and 2 Guides..... Price $4.00★

No. 8000B—Set 2 Burnishing Stones and 2 Guides..... Price $4.00★

No. 8000F—Set of 2 Fine Stones and 2 Guides..... Price $4.00★
Weight 1/2 lb.

No. 8011—Extra Oversize Carriers for Grinder No. 8010 Capacity 4" to 4 1/2", set of 4..... Price $7.50★
Weight 1 lb.

No. 8021—Extra Oversize Carriers for Grinder No. 8020 Capacity 4 1/16" to 4 5/16", set of 4..... Price $7.50★
Weight 1 lb.

No. 8022—Extra Oversize Carriers for Grinder No. 8020 Capacity 4 5/16" to 5 5/8", set of 4..... Price $7.50★
Weight 1 lb.

★ **These prices are net with no discount to dealers or mechanics.**

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Grinders for Hydraulic Brake Cylinders

3 Sizes Cover Complete Range ¾" to 2½"



Patented
Nos. Re 18,659 and 1,775,230

Hydraulic brakes require more accurate work in reconditioning than any other part of a car. With the Grinders below the full range of from ¾" to 2½" diameter brake cylinders may be quickly and efficiently reground. Only by regrinding can brake cylinders be reconditioned so as to give service. Simple to use and perfect results can be obtained even on the first job.

No. 8090 — Brake Cylinder Grinder (Small Range) ¾" to 1¼", complete with two sets of stone and carrier assemblies, Nos. 8090A and 8090B, in metal box. . . . . . **Price $15.00★**
Weight 1½ lbs.

No. 8090A — Set of 3 Replacement Stones, range ¾" to 1", for No. 8090 . . . . . **Price $3.50★**
Weight 3 oz.

No. 8090B — Set of 3 Replacement Stones, range 1" to 1¼", for No. 8090 . . . . . **Price $3.50★**
Weight 3 oz.

Note: Nos. 8090A and 8090B are for use with Grinder No. 8090 only and can not be used on Nos. 8091 and 8092.

No. 8091 — Brake Cylinder Grinder (Standard Range) 1" to 1½", complete with two sets of stone and carrier assemblies Nos. 8091A and 8091B in metal box . . . . . **Price $15.00★**
Weight 1¾ lbs.

No. 8092 — Brake Cylinder Grinder (Large Range) 1½" to 2", complete with 2 sets of stones and carrier assemblies, Nos. 8091A and 8091B, in metal box . . . . . **Price $17.50★**
Weight 2 lbs.

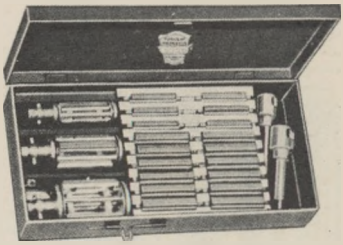
Replacement Stone Assemblies for Nos. 8091 and 8092

NOTE: These Stones are for Nos. 8091 and 8092 only and cannot be used on No. 8090

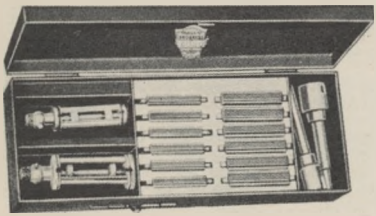
No.	Range With		Price Per Set of Three
	Grinder No. 8091	Grinder No. 8092	
8091A	1" to 1¼"	1½" to 1¾"	$3.50★
8091B	1¼" to 1½"	1¾" to 2"	3.50★
8091C	1½" to 1¾"	2" to 2¼"	3.50★
8091D	1¾" to 2"	2¼" to 2½"	3.50★

DeLuxe Combination Set

This set, as illustrated, contains Grinders Nos. 8090, 8091 and 8092, together with two driving heads and stone assemblies covering the full range from ¾" to 2½". Will be found suitable for all passenger cars and trucks. Complete in metal box.



No. 8096 — DeLuxe Brake Cylinder Grinder Set . . . . . **Price $43.50★**
Weight 5 lbs.



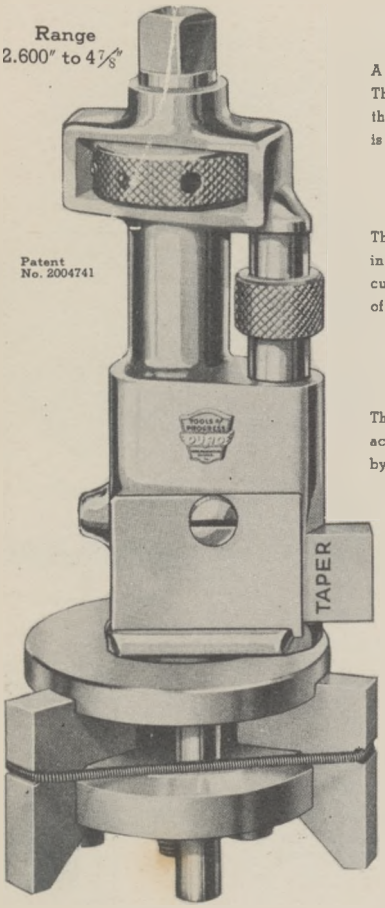
Standard Set

This Set, as illustrated at the left, is especially designed for passenger cars and the smaller commercial cars. Contains two Grinders Nos. 8090 and 8091, together with two driving heads and stone assemblies covering range ¾" to 1½". Complete in metal box.

No. 8095 — Standard Brake Cylinder Grinder Set . **Price $26.50★**
Weight 3 lbs.

★ THESE PRICES ARE NET WITH NO DISCOUNT TO DEALERS OR MECHANICS.

Precision Type Ridge Reamer



Handles All Type Cylinders
Also Recessed and Cut-Away Cylinders

A precision tool that can be used in either recessed or cut-away cylinders The design is sturdy, simple, efficient and convenient, in fact, it has everything the user can desire or expect in this type of tool. The driving head is ½" square so that any standard ½" square "T" Handle may be used with it.

Self-Centering Expanding Head

The Self-Centering Expanding Head firmly holds the tool in proper position in the cylinder which allows the cutting blade to rotate independently, cutting the ridge without chatter to conform accurately with the center of the base.

Micrometer Adjusting
Straight or Tapered Blade

The adjusting nut located just above the cutting blade allows for both accurate and easy adjustment of the blade. The blade itself can be reversed by removing cover, one end is straight while the other end is tapered

Simple to Operate

With each tool are simple directions which are hardly necessary, as any mechanic will find it so easy to use the tool that he will not need them.

Sleeve Cut-Off Blade
May Be Used

A special blade may be secured at a reasonable cost (listed below) for removing the tops of replacement cylinder sleeves. A clean, straight cut, level with the top of the motor block, is assured.

• •

No. 8042 — Ridge Reamer (Standard Range) range 2.600" to 4", complete with Wrench..... Price $12.50★
Weight 4 ¾ lbs

No. 8043 — Extension Blocks and Blade to increase range of No. 8042 to 4 7/8"..... Price $6.00★
Weight 1 lb.

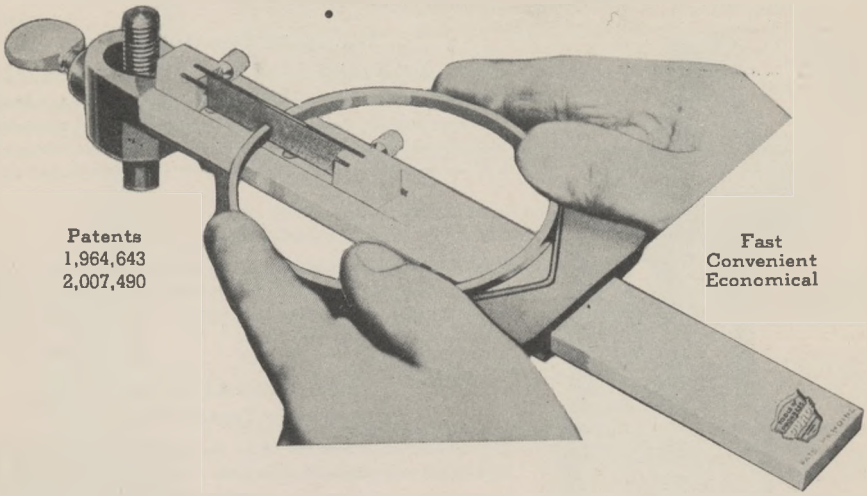
No. 8044 — Sleeve Cut-Off Blade for No. 8042, range 2.600" to 4"..... Price $3.50★
Weight 1 lb.

No. 8045 — Sleeve Cut-Off Blade for No. 8042, range 4" to 4⅛"..... Price $3.50★
Weight 1 lb.

★ THESE PRICES ARE NET WITH NO DISCOUNT TO DEALERS OR MECHANICS.

MANUFACTURERS OF QUALITY PRODUCTS FOR OVER 23 YEARS

Duro Piston Ring Fitting Tool



Patents
1,964,643
2,007,490

Fast
Convenient
Economical

A Money-Maker for Mechanics

Whether the mechanic is on flat rate or working for himself, this tool will pay for itself in two or three jobs on account of the time saved, convenience and accuracy of the work made possible with the Duro Piston Ring Fitting Tool.

Accurate and Fast

By fastening the tool on one of the studs on the motor block, all of the fitting of rings can be done right at the block, enabling frequent and convenient fitting. There are more rings in a car than any other moving part and the importance of properly fitting them cannot be over-emphasized.

Eliminates Ring Distortion

There is a tendency on the part of some mechanics to fit rings too tightly which causes distortion and possible breakage, yet it is equally important that they be fitted properly.

Files Quickly Replaced or Adjusted

The Files are inexpensive yet of the highest grade and will give long service. They are quickly and simply replaced and adjusted to the various angles for different types of rings.

Replacement Files

No. 8050 — Piston Ring Fitting Tool Complete.... Price $3.50★
Weight 2 lbs.

No. 8050F — Package of four Replacement Files for No. 8050.... Price $1.00★
Weight ¼ lb.

★ **These prices are net with no discount to dealers or mechanics.**

Replacement Files are put up four in a packet and should be on hand for replacement when needed.

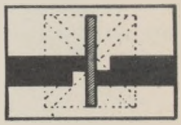


Fig. 1

File is quickly and easily removed, replaced, or changed to handle step cut or angle cut rings.

Loosen screws (Fig. 2) and insert File in vertical slots (Fig. 1) for all straight cut or step cut rings.



Fig. 2

Use angle slots either left or right (Fig. 3) for all 45° angle cut rings.



Fig. 3

DURO METAL PRODUCTS CO., 2649 KILDARE AVE., CHICAGO, U.S.A.

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POORLY
EQUIPPED MECHANICS
COST MORE THAN
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GOOD
TOOLS MEAN
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PROFIT
MADE IN U.S.A.